Author Index

Volume 38, July–December 2001

Abate NI, 379
Abdelaziz N, 261
Abe I, 1096
Abraham NG, 210
Åbyholm T, 394
Achilli F, 1451
Ahluwalia A, 833
Ajzen S, 713
Albaladejo P, 949
Alcázar JM, 907
Alexander BT, 718, 742
Alla F, 1227
Allayee H, 773
Allen K, 815
Almeida AP, 665
Alvarez V, 389
Ambrosius WT, 1124
Amouyel P, 1361
An P, 30
Andriantsitohaina R, 159
Antonicelli R, 1093
Aoki M, 48
Aouizerat BE, 773
Araki T, 1321
Arbique D, 379
Ard J, 155
Arias R, 1217
Arikawa E, 872
Arnett DK, 417, 424, 767
Arnold JMO, 1433
Arribas SM, 1167
Arveiler D, 1361
Asai T, 1321
Asakura M, 404
Asanuma H, 404
Asico LD, 303
Asmar RG, 922
Atkinson J, 943
Atwood L, 767
Aukrust P, 394
Avila MA, 1217
Avorn J, 809
Ayala DE, 723, 736, 746, 753

Baba S, 86
Bader M, 660
Baglivo J, 1451
Baigorria ST, 639
Baker AH, 65
Baker EH, 76
Baldereschi G, 1372
Balkestein EJ, 1190
Ballabeni C, 198
Banes AKL, 891
Bank AJ, 1440
Bankir L, 1143
Barbagallo M, 612, 701, 709
Barbato E, 255
Barbieri M, 840
Barden A, 803
Bardicef O, 612
Barker DJP, 1282
Barlassina C, 1190
Barletta G, 123
Barnard R, 786
Barrès C, 147
Barron LA, 730
Barthelmebs M, 902
Bascands J-L, 1294
Basso N, 1246
Bautista R, 669
Baviera E, 1137
Baylis C, 105
Beaumont FJ, 1395
Bédard S, 1017
Beilin L, 803, 821
Bek M, 303
Bella JN, 417, 424
Bello E, 907
Bencini F, 1372
Bendhack LM, 592
Bénétos A, 439, 949
Bennett WA, 718
Berasain C, 1217
Bergamaschi CT, 549
Berger E, 864
Bernini G, 274
Bertinieri G, 286
Best L, 1068
Beswick RA, 1107
Beyer ME, 1003
Bezerra SMMS, 569
Bianchi G, 198, 1190
Biegelsen E, 1349
Bihoreau M-T, 216
Bizet-Nafeh C, 1446
Blacher J, 434, 938, 958
Black HR, e33, 1118
Blaes N, 1294
Blin P, 958
Bock P, 576
Boffi L, 1177
Bohn RL, 809
Boreham CA, 444
Bortolotto LA, 616, 1185
Botkin SR, 243
Bouby N, 1143
Bouchard C, 30
Boudier HS, 913
Boutouyrie P, 949, 1181
Bragulat E, 1204
Brand E, 1190
Brochu M, 1017
Brookes M, 827
Brooksbank R, 846
Brosnan MJ, 65
Brull DJ, 444
Bruneval P, 1413
Bucher B, 159
Bucher M, 177
Buchholz K, 1325
Bujac S, 1054
Burke V, 821
Burnett JC Jr, 187
Busjahn A, 38
Busse R, 1427

Caballería J, 1217
Caetano ERSP, 171
Calchera I, 1451
Calderone A, 261
Caligiorne S, 1266
Callera GE, 592
Cameron JD, 222, 927
Campbell-Brown M, 1282
Campese VM, e27, 1342
Campo C, 645
Campos RR Jr, 549
Campos X, 650
Cantini C, 943
Cantor RM, 773
Capra A, 1451
Caramelo C, 907
Cardinal R, 292
Carella C, 840
Carenzi F, 1181
Carey RM, 183, 297, 309, 1272
Carney C, 76
Carrasquillo JA, 6
Carretero OA, e21
Carswell HVO, 116
Carvalho MHC, 692
Casado S, 907, 1400
Cavallini MC, 1372
Cave AC, 267
Celentano A, 1068
Červenka L, 280
Cervo F, 576
Chae CU, 399
Chagnon YC, 30
Challande P, 1167
Chambaz C, 1162
Chamiot-Clerc P, 1416
Chan SHH, 130
Chao J, 136
Chao L, 136
Chatellier G, 449
Chauhan S, 833
Chavoshan B, 379
Chen CC, 6
Chen C-H, 1471
Chen H, 1062
Chen HH, 187
Chen K, 992
Chen X, 606
Cheng LS-C, 773
Cheng T-H, 1044
Chih-Tai T, 1471
Christopher J, 602
Cipolleta E, 255
Ciuffo G, 1137
Clausell N, 576
Clemitson J-R, 216
Clermont A, 1260
Cline FD, 742
Cobra ALN, 692
Coca A, 1204
Cockcroft JR, 1461
Cockrell K, 742
Coelho EB, 565
Cohuet G, 1167
Colombari E, 549, 560
Colombo F, 261
Colombo M, 1316
Conlin PR, 155
Contaldo F, 13
Cooper JA, 1054
Copie X, 949
Corman B, 943
Corrales FJ, 1217
Correia MLG, 384, 1081
Corsi D, 1177
Corvol P, 1137
Costentin A, 1446
Cowley AW, 41
Cox LA, e36
Cravo SL, 549
Creager MA, 1049
Cribier A, 1446
Croft K, 803
Cupples LA, 1349
Curiel DT, 65
Cushman WC, 953
Cusi D, 198
Cutler JA, e34

Da Zhang, 858
Dagher G, 1416
Daimon M, 1255
Danser AHJ, 95, 1278
Danziger RS, 19
Dart AM, 222, 927, 1011
Das UN, e6
David FL, 692
Davidson KW, 997
Daviglus ML, 232
De Angelis K, 576
de Bruin TWA, 773
de Cavanagh EMV, 1130
de Divitiis O, 840
de Faire U, e28
de Gasparo M, 183, 439
de Gaudemaris R, 449
De Jong W, 902
de la Sierra A, 1204
de Melo Alves R, 597
de Simone G, 13, 1068
de Vries R, 95
Déclère AD, 949
Deinum J, 1278
Delaney CL, 1342
Delles C, 1250
Dell'Oro R, 1316
Demissie S, 1349
Dendorfer A, 142
Deng AY, 779
Deng Y, 348
Dennery P, 210
DeQuattro V, 1118
Derumeaux G, 1446
Desgeorges A, 1162
Deter HC, 1325
Devereux RB, 417, 424, 767, 1068, 1372
Dewan A, 767
Di Bari M, 1372
Dias da Silva VJ, 597
DiBona GF, 192
Dick B, 1330
Diebolt M, 159
Diedrich A, 1377
Diep QN, 249
Dietz R, e1
Dieuzeide G, 683
Diène E, 449

Díez J, 1198, 1222, 1395, 1406
DiPette DJ, 679, 697
DiStefano A, 1143
Dobrian AD, 361
Domanski M, 793
Dominguez KM, 773
Dominguez LJ, 612, 701, 709
Dominiak P, 142
Dominiczak AF, 65, 116, 1167
Donati MB, 1199
Donker AJM, 238
Dorrance A, 1337
Dorrance AM, 1107
dos Santos CM, 569
Dousset B, 1227
Ducher M, 71
Ducimetière P, 1361
Duffy SJ, 1349
Duka I, 1355
Dukhanina OI, 779
Dunlap ME, 1433
Dyer AR, 232

Eckert GJ, 1124
Egan BM, 858
Egashira K, 100
Egido J, 635, 1382
Egidy G, 1137
Eisenhofer G, 6
Eisner GM, 303
El-Gharbawy AH, 761
ElHosseiny A, 210
El-Kersh M, 183
Elliott WJ, 1118
Emanueli C, 136
Emanuelli G, 1177
Escalante B, 669
Escargueil-Blanc I, 1294
Eskin SG, 1038
Esler MD, 1011
Esposito A, 255
Esteban V, 1382
Et-taouil K, 1172
Evans A, 1361

Failla M, 1177, 1451
Falck JR, 1311
Fang JC, 1049
Fardella C, 688
Faria AN, 713
Farré AL, 1400
Fauvel JP, 71
Fazan R Jr, 597
Fazekas F, 110
Fedtsov A, 1024
Feely J, 227
Feener EP, 1260
Ferder L, 1130
Ferlin EL, 326
Fernandes TG, 576
Fernández JR, 746
Ferrandi M, 198
Ferrari P, 1330
Ferrario CM, 1342
Ferreira AJ, 665
Ferreira SRG, 713
Ferrier KE, 222
Ferrières J, 1361
Ferro A, e24
Filigheddu F, 204
Fiorillo A, 255
Fisher NDL, 373
Fishman D, 417
Fisslthaler B, 1427
Fleming I, 1427
Florian JA, 1337
Foecking MF, 688
Fortes ZB, 692
Fortuño A, 1395, 1406
Fortuño MA, 1395, 1406
Fraga CG, 1130
Franchi F, 123
Franke G, 1377
Franklin SS, 1461
Frantz S, 216
Freis ED, 1
Frey FJ, 1330
Frézard F, 1266
Frishman WH, 1118
Frohlich ED, e19, 913, 990, 1198, 1233, 1244, 1245, 1300, 1388, 1422
Frontini MG, 1112
Frye SR, 1038
Fu Y, 1321
Fujiwara K, 343
Fujiyama S, 367
Fukuda M, 1321
Fukumoto M, 1049
Fukushima T, 404
Fullerton M, 1011
Funakoshi Y, 100
Futoh Y, 9

Gadegbeku CA, 858
Gagnon J, 30
Galderisi M, 840
Galipeau D, 872
Gall NP, 267
Gallagher AM, 444
Galletti F, 198
Galli SM, 674
Gans ROB, 238
Ganz P, 1049
García NH, 639
García SI, 683
García-Tevijano ER, 1217
Garrett MR, 779
Garside DB, 232
Garvin JL, 621
Gaspa L, 136
Gatzka CD, 222
Gaudet D, 41, 761
Gauguier D, 216
Gavras H, 1075, 1355
Gavras I, 1075, 1355
Gazapo R, 907
Genest J, e13
Gentile G, 1451
Germain DP, 1181
Ghiadoni L, 274
Giangiulioi N, 821
Giannattasio C, 1177, 1451
Giardina JB, 730
Gilad S, 864
Giner V, 1204
Girerd X, 1185
Girolami J-P, 1294
Glorioso N, 204
Glynn RJ, 809
Godfrey KM, 1282
Gokce N, 1349
Goldstein DS, 6, 303
Gomez RA, 243
Gómez-Sánchez CE, 688
González A, 1222
Gonzalez C, 683
González D, 1204
González FR, 907
González J, 907
Goodchild AK, 1087
Gordon KL, 1101
Gossard F, 41, 761
Gouni-Berthold I, 1030
Graham DI, 116
Grandy DK, 303
Granger JP, 535, 718, 730, 742
Grappiolo A, 1177, 1451
Grassi G, 286, 1316
Greene EL, 858
Greenland P, 232
Grieve DJ, 267
Grim CE, 761, e19, 1342
Grim CM, e19
Grima M, 902
Gross KW, 332
Gross V, e1
Grossman E, e11
Guazzarotti F, 1093
Guérin AP, 434, 938
Gupta RK, 709
Gutkowska J, 292

Haastrup A, 858
Habashy MF, 1342
Hagège AA, 1413
Hall IR, 1461
Hamet P, 41, 761
Hamici L, 449
Hamlyn JM, 198
Hanke H, 1003
Hanon O, 1185
Hardman TC, e35
Harrap SB, e9
Harris EL, 786
Hartner A, 243
Harty GJ, 187
Harvey J, 105
Hasegawa T, 367
Haselden S, 1282
Havlik R, 429
Hayashi K, 343
Hayashi M, 1260
Haynes WG, 384, 1081
Hayoz D, 1162
He FJ, 317, 321
He G, 56
He J, 1112
Heller J, 280
Henriksen EJ, 884
Henrion D, 1150
Hermida RC, 723, 736, 746, 753
Hernández J, 669
Herrera VLM, 204
Herrera-Acosta J, 535
Herrmann S-M, 1190
Herzer WA, 353
Hescheler J, 1030
Hestdal K, 394
Higaki J, 86, 1321
Higashi Y, 90
Hikita H, 1049
Hilgers KF, 243, 1250
Hill MA, 232
Hillier C, 412
Hingorani AD, 1054, 1289
Hino J, 9
Hirata A, 1255
Hirata K, 1456
Hironaga K, 1307
Hirooka Y, 896, 1307
Hisamichi S, 1321
Hobbhahn J, 177
Hodgson JM, 821
Hoffmann RG, 761
Hoffmeister HM, 1003
Holbrook M, 1349
Holland R, e25
Hollenberg NK, 373
Hong H-J, 1044
Hong KP, 166, e38
Hopkins P, 767
Hopkins PN, 417, 424
Hori M, 404
Horiuchi M, 367
Hoshide S, 852
Hosoya K, 9
Howard BV, 1068
Howell NL, 1272
Howell-Stampley T, 379
Hozawa A, 1321
Hsiao G, 1044
Huang H, 1158
Hübner N, e1
Hughes J, 1101
Humphries SE, 444, 1054
Hunt SC, 424
Hurwitz S, 373
Hwang CT, 1118

Iaccarino G, 255
Iacob M, 1446
Iacoviello L, 1199
Ianni L, 123
Iba O, 367
Ichiki T, 100
Igarashi M, 1255
Iglesias M, 736
Imai Y, 1321
Imanishi M, 23, 81
Imbs J-L, 902
Innocenti F, 1372
Inserra F, 1130
Intengan HD, 581
Investigators of the PHASTE study, 958
Ipp E, 773
Ireson NJ, 76
Irigoyen MC, 326, 576
Ishimitsu T, 9
Itter G, 1367
Ittner K-P, 177
Iwai N, 86
Izzo JL Jr, 815, 1467

Jackson EK, 353
Jacob S, 884
Jaffa AA, 602, 858
Jaffe A, 864
Jaimes EA, 877
Jalil JE, 650
Jeerooburkhan N, 1054
Jefferson JA, 1101
Jennings G, 1011
Jeunemaitre X, 373, 1181, 1185
Jin X-H, 309, 1272
Joannides R, 1446
Johns C, 1075, 1355
Johnson RJ, 1101
Johnston F, 412
Jones DW, e19
Jones LC, 1054
Jones SY, 192
Jordan J, 1377

Jose PA, 303
Jounier S, 1143
Julien C, 147
Juncos LA, 655
Juncos LI, 639

Kaibuchi K, 100
Kaiser DR, 1440
Kajiyama G, 90
Kaldunski M, 761
Kamitsuji CS, 616
Kamm RD, 1158
Kammerer CM, e36
Kaneda Y, 48
Kang D-H, 1101
Kangawa K, 9
Kapeller P, 110
Kappas A, 210
Kario K, 852, 997
Katki KA, 679
Kato T, 1255
Katori M, e21
Katsuya T, 86, 1321
Kaufman S, 348
Keaney JF Jr, 1349
Kelly G, 786
Keulen ETP, 773
Khalil RA, 718, 730
Khurana R, 1210
Kieffer P, 943
Kim D-K, 166, e38
Kim Y-G, 1101
Kim YJ, 992
King GL, 1260
Kingwell BA, 222, 927
Kinlay S, 1049
Kinnick TR, 884
Kintsurashvili E, 1075, 1355
Kirszner T, 683
Kishi T, 896
Kiss L, 1427
Kitakaze M, 404
Kitaoka H, 1321
Kitzman D, 767
Kitzman DW, 417, 424
Kivlighn S, 1101
Kizilbash A, 379
Klein AB, 576
Klibaner MI, 1118
Knight EL, 809
Knoll E, 864
Ko Y, 1030
Koch WJ, 255
Kofflard MJM, 1278
Kohen F, 864
Kohler H, 243
Kohlmann O Jr, 705, 713
Kolyada AY, 1024
Komesaroff PA, 1011
Kon ND, 932
Konishi Y, 81
Kosaki A, 367
Kost CK Jr, 353
Kostner GM, 110
Kotchen JM, 761
Kotchen TA, 41, 761
Kramer HJ, 280
Krass KL, 773
Krekler M, 884
Krieger EM, 569, 616
Krishna UM, 1311
Kubis N, 1150
Kuller LH, 798
Kumpusalo EA, e4
Kurtz A, 177
Kuzuya T, 404

Labat C, 439
Lacchini S, 326
Lacolley P, 439, 1167
Lainchbury JG, 187
Lajemi M, 439
Lakatta E, 429, 1471
Laloux B, 949, 1181
Lan HY, 1101
Landa MS, 683
Lang T, 449
Laniado-Schwartzman M, 1311
Lanzani C, 198
Lartaud-Idjouadiene I, 943
Lasseter KC, 1342
Launer LJ, 110
Laurent S, 1167, 1181
Lavandero S, 650
Laviades C, 1222
Laville M, 71
Lazzeri C, 123
Lechner A, 110
Lee ET, 1068
Lee RT, 399, 1158
Lee S-C, 166, e38
Lee SH, 166, e38
Leite R, 1107
Leon AS, 30
Leon CG, 630
Lerman LO, 625
Lev I, e38
Lévy BI, 1150, 1172
Lewis MR, 1068
Li D, 1062
Li S-T, 6
Li XX, 303
Liao W-C, 1342
Liao Y, 404
Liebson PR, 1118
Lifschizt-Mercer B, 864
Lim PO, e25
Limiñana P, 943
Limor R, 864
Lin K-F, e37
Linz W, 1367
Liu JE, 424
Liu K, 232
Llinas MT, 718, 742
London G, 434, 913, 922, 938
Lopes HF, 616
Lopes OU, 549, 560
López B, 1222
López MD, 907
Lorenzo O, 1382
Loscalzo J, 1349
Louis H, 1167
Luft FC, 38, e1, 1377
Luoh SHF, 130
Luong V, 1185
Lupoli G, 840
Lurbe E, 389
Lusis AJ, 773

Mabrouk ME, 56
MacCarthy PA, 267
MacGregor GA, 76, 317, 321
Macrae IM, 116
Madeddu P, 136, e21
Madias NE, 1024
Magagna A, 274
Mahmud A, 227
Majima M, e21
Malinski T, 1367
Malý J, 280
Mancia G, 286, 1093, 1177, 1316, 1451
Mannami T, 86
Mannelli M, 123
Manning TS, 1467
Manriquez MC, 655
Mansour YH, 379
Manunta P, 198
Manzetti SO, 786
Marchais SJ, 434, 938
Marchetti J, 630
Marchionni N, 1372
Marchiori G, 1433
Mark AL, 384, 1081
Markandu ND, 76, 317, 321
Marks L, 116
Marques-Vidal P, 1361
Martell N, 907
Martin JF, 1210
Martín-Duce A, 1217
Masaki H, 367
Masotti G, 1372
Masumoto A, 1307
Materson BJ, 953
Mato JM, 1217
Matsubara H, 367
Matsubara M, 1321
Matsuda Y, 187
Matsumura K, 1096
Matsuo T, 852
Matsuoka H, 9, 1300
Matsushita H, 48
Matsuura H, 90
Matthews KA, 798
Mazzali M, 1101
Mazzolai L, 1162
McGuigan FEA, 444
McIntire LV, 1038
McMurray JJV, 412
McNeill JH, 872
Medley TL, 927
Mehta JL, 1062
Meier M, 1260
Meles E, 1451
Mellembakken JR, 394
Menani JV, 560
Menasché P, 1413
Mercier I, 261
Merrill DC, 992
Messaggio E, 198
Messerli FH, e11
Messerli FH, e27
Meyrelles SS, 555
Mezzano S, 635, 1382
Michael C, 803
Michaelis UR, 1427
Michelini LC, 569
Milia AF, e1
Miller GJ, 1054
Minami J, 9
Minamino T, 404
Mitchell G, 793, 1433
Mitchell JL, 384, 1081
Miura K, 232
Mogun H, 809
Mojón A, 746
Montano N, 597
Montgomery HE, 444
Monti J, e1
Montoro R, 1118
Moore TJ, 155
Moraes RS, 326
Moreira ED, 569
Moreno MU, 1395
Morgan D, 417
Morgan DA, 384, 1081
Mori T, 803
Mori Y, 367
Morikawa T, 81
Morishita R, 48
Mosso L, 688
Motsamai OI, 1112
Mourad J-J, 958, 1185
Mukaddam-Daher S, 292
Mukhin YV, 858
Mullen K, 1440
Müller DN, 243
Murray JC, 992
Murray LJ, 444
Myers RH, 204

Nagahama T, 343
Nahmias C, 367
Nakabayashi M, 48
Nakagami H, 48
Nakagawa K, 90
Nakamura S, 23
Nasjletti A, 210, 1311
Nata T, 48
Navar LG, 535
Nazzal D, 1294
Netjhardt M, 846
Newman A, 429
Newman S, 1124
Nguyen KT, 1038
Nguyen X, 210
Nicco C, 1143
Nicholson JP, 709
Nicklin SA, 65
Nicolaides KH, 1289
Niederkorn K, 110
Nigro D, 692
Nobel MIM, e35
Node K, 404
Norman J, 793
Northcott C, 1337
Norton GR, 846
Nose A, 367
Nozawa Y, 367

Oberman A, 417, 424, 767
O'Brien E, e19
O'Brien TX, 1433
Ocaranza MP, 650
Ogai A, 404
Ogata J, 86
Ogden LG, 1112
Ogihara T, 48, 86, 1321
Ogita H, 404
Ohkubo T, 1321
Ohno Y, e9
Ohnuma H, 1255
Ohrui M, 9
Okada N, 81
Okamura M, 81
Okumura M, 81
Oliveri C, 650
Ono H, 9, 1300
Ono Y, 1300
O'Rourke ME, 922
O'Rourke MF, 932, 1456
Ortiz MC, 655
Ortiz PA, 621
Osborne-Pellegrin M, 1167
Oshima T, 90

Östergren J, e28
Oyekan A, 669
Ozawa Y, 343

Pacak K, 6
Paciaroni E, 1093
Pahor M, 429
Palmieri V, 417, 424, 1068
Pannier B, 434, 938
Paolisso G, 840
Paranicas M, 417
Parati G, 1093
Park JB, 56, 606
Park SW, 166, e38
Parpaglia PP, 204
Pasanisi F, 13
Pasqualinotto L, 1316
Passaglio KT, 660
Patterson C, 1038
Patterson J, 116
Pauca AL, 932
Pausova Z, 41, 761
Peotta VA, 555
Perez A, 1260
Pesquero JB, 660
Peters EE, 116
Petrie MC, 412
Pfeffer M, 793, 1433
Phillips MI, 543, 674
Piana A, 136
Pickering TG, 852, 997
Pierini A, 286
Pilowsky PM, 1087
Pinet F, 1137
Pini R, 1372
Pires SLS, 147
Pirola CJ, 683
Plante GE, 1172
Plaza JJ, 1382
Plotquin Y, 683
Poch E, 1204
Popp R, 1427
Porto PI, 683
Poulter NR, 827
Pratt JH, 1124
Praxedes JN, 171
Prewitt RL, 361
Price DA, 373
Pries AR, 1476
Primatesta P, 827
Puddey IB, 821

Qubu D, 846
Quelin P, 71
Querejeta R, 1222

Raasch W, 142
Rabelo E, 576
Rabelo FAW, 565
Rahmouni K, 902
Raij L, 877
Räikkönen K, 798
Rakotomalala H, 71
Ralston SH, 444
Rankinen T, 30
Rao DC, 30, 417, 424, 767
Rapp JP, 779
Rasch R, 337
Ravassa S, 1406
Ré A, 759
Ré RN, 759
REASON Project Coordinators Investigators, 922
Rebouças NA, 692
Reda DJ, 953
Redón J, 389
Reglin B, 1476
Reißmann S, 142
Renaud JF, 1416
Resnick LM, 612, 701, 709
Reynolds PN, 65
Rhaleb N-E, e21
Rian AJJT, e38
Ribeiro AB, 705, 713
Ribeiro JP, 326
Ribeiro-Filho FF, 713
Rice T, 30
Ridker PM, 399
Rifai N, 399
Riggleman A, 105
Ritchie J, 803
Rivera J, 803
Robbins DC, 1068
Robinson S, 1282
Rodicio JL, 645
Rodríguez C, 389
Rodríguez JA, 1217
Rodriguez-Porcel M, 625
Rogers P, 821
Roman MJ, 1068, 1372
Romero JC, 655
Rotter JI, 773
Rovira AM, 907
Roy J, 292
Rubinstein M, 303
Ruddy MC, 1342
Ruff DA, 1118
Ruilope LM, 537, 645, 907
Ruiz-Opazo N, 204
Ruiz-Ortega M, 635, 1382
Runge MS, 1038
Rupérez M, 1382
Russo EM, 565

Sabaawy HE, 210
Sachinidis A, 1030
Safar M, 434, 439, 913, 914, 922, 1416
Sagnella GA, 317
Sakai K, 896
Sakata Y, 404
Sala L, 1451
Saldanha LB, 171
Salgado HC, 597
Salgado MCO, 565
Salis MB, 136
Salvayre R, 1294
Salvetti A, 274
Salvetti G, 274
Samani NJ, 216
San José G, 1395
Sanada S, 404
Sánchez A, 669
Sansonnens A, 1330
Santos RAS, 665, 1266
Saruta T, 343
Sasaki S, 90
Sassard J, 147
Sato MA, 549, 560
Satoh H, 1321
Savage M, 444
Savvidou MD, 1289
Saxena PR, 95
Schächinger H, 1325
Schiavi P, 1172
Schiffrin EL, 56, 249, 535, 537, 581, 606
Schleman MM, 1118
Schmidt H, 110
Schmidt R, 110
Schmieder RE, 243, 1250
Schorr U, 1325
Schriver SD, 361
Schroeder C, 1377
Schulz H, e1
Schwartz JE, 852, 997
Schwartzman M, 210
Sciarrone MT, 198
Scotland RS, 833
Scuteri A, 1471
Secomb TW, 1476
Sedeek M, 742
Segura J, 645
Sekirov I, 872
Selwyn AP, 1049
Seravalle G, 286, 1316
Serné EH, 238
Setoguchi S, 1307
Seul C, 1030
Seyedabadi M, 1087
Shade RE, e36
Shah AM, 267
Sharma AM, e1, e4, 1325, 1377
Sharon O, 864
Shenouda S, 1355
Shi Q, 332
Shibasaki Y, 367
Shiell AW, 1282
Shigematsu H, 896
Shimada K, 852
Shimokawa H, 100, 896, 1307
Shykoff BE, 815, 1467
Sicotte B, 1017
Sigmund CD, 332
Silacci P, 1162
Silva-Barcellos NM, 1266
Simões e Silva AC, 660
Simonsick EM, 429
Siragy HM, 183, 309, 1272
Sivitz WI, 384, 1081
Skinner JS, 30
Sleight P, e28
Smith GD, 444
Smith JL, 992
Smith RD, 1342
Smith WB, 1342
Smulyan H, 949
So PTC, 1158
Soldevilla MJ, 907
Soro A, 204
Souza dos Santos RA, 660
Sowers JR, e11
Spurgeon H, 429, 1471
Stacca T, 136
Staessen JA, 1190
Stage 1 Systolic Hypertension (SISH) Study Group, 1118
Staglianò L, 1372
Stamler J, 232
Stehouwer CDA, 238
Stella I, 1130
Stern N, 864
St-Louis J, 1017
Stoffels M, 1377
Strom JA, 1118
Strong Heart Study Investigators, 1068
Struijker-Boudier HA, 914, 1190
Stumpf C, 243
Sudhir K, 1011
Sun G, 30
Supowit SC, 679, 697
Susic D, 1422
Sutton-Tyrrell K, 429
Suzuki Y, 1382
Svensson P, e28
Svetkey LP, 155
Sweeney C, 877
Szlejf C, 616

Taddei S, 274
Taeger K, 177
Takala JK, e4
Takamiya M, 23
Takanohashi A, 1300
Takashima S, 404
Takeda K, 100
Takeshita A, 100, 896, 1307
Takeya M, 100
Tangelder G-J, 238
Tank J, 1377
Tardif J-C, 1433
Tateishi E, 367
Taubert KA, e19
Teachey MK, 884
ten Cate FJ, 1278
ter Maaten JC, 238
Terragno NA, 1246
Thuillez C, 1446
Toblli J, 1130
Tom B, 95
Tominaga M, 1255
Tonon E, 1372
Torro I, 389
Tostes RCA, 692
Touyz RM, 56, 606
Tremblay J, 41
Trimarco B, 255
Troffa C, 204
Troly M, 1294
Tropeano A-I, 1181
Tsikoudakis A, 204
Tsotetsi OJ, 846
Tsuchihashi T, 1096
Tsuchiya H, 1255
Tsuji I, 1321
Tsuji T, 23
Tsukada K, 9
Tsutsumi Y, 367
Tuncel M, 379
Turri C, 286, 1316
Tyrrell S, 1461

Uchiyama Y, 367
Ueland T, 394

Vaitkevicius P, 429
Valdés G, 535
Vallance P, 1054
Vallance PJT, 833, 1289
Van Bortel LM, 914, 1190
van der Heijden-Spek JJ, 1190
van Gool JMG, 1278
Varagic J, 1422
Varanda WA, 592
Vargas R, 1342
Varo N, 1222
Varricchio G, 840
Vasquez EC, 555
Veelken R, 243, 1250
Velarde V, 602
Veniero JM, 709

Vesterqvist O, 1342
Veterans Affairs Cooperative Study Group on Antihypertensive Agents, 953
Viana PCC, 597
Victor RG, 379
Videm V, 394
Vilquin J-T, 1413
Vincenzi A, 1451
Vio CP, 630
Virdis A, 274
Vischetti M, 1199
Vita JA, 1349
Vitale G, 840
Vlachopoulos C, 1456
Vongpatanasin W, 379
Vyas SJ, 353

Waddell TK, 222, 927
Wagner M, 1325
Walters B, 803
Walton R, e24
Wang DH, 697
Wang J-G, 1190
Wang M-H, 1311
Wang PS, 809
Warzocha U, 958
Watts SW, 891, 1337
Webb RC, 1107
Weber KT, 588
Weber MA, 1118
Weeks DA, 337
Weisinger G, 864
Whelton PK, 1112
White SJ, 65
Wiemer G, 1367
Wilkinson IB, 1461
Williams DW, 953
Williams GH, 373
Williamson RA, 992
Wilmore JH, 30
Wittner M, 1143
Wolfrum S, 142
Wolz M, 793
Woodiwiss AJ, 846
Woods LL, 337
Wu X-H, 56

Xin X, 1112

Yamada J, 404
Yamaguchi H, 1255
Yamamoto K, 48
Yamazaki K, 48
Yang X-P, e21
Yang Z, 303
Yen M-H, 1044
Yin FCP, 1471
Yin Y-L, 292
Yoshimura T, 100
Yoshioka K, 81
Young IS, 444
Yu G, 1003
Yusuf S, e28

Zachary I, 1210
Zalba G, 1395, 1406
Zanella MT, 705, 713
Zannad F, 1227
Zatz R, 171
Zhang D, 1118
Zhang F, 210, 1311
Zhang X, 779
Zhao H, 697
Zidi M, 1181
Zito F, 1199

Subject Index

Volume 38, July–December 2001

A

Acetylcholine
Functional Assessment of the Circulation of the Single Kidney, 625

Activator
NF-Y Antagonizes Renin Enhancer Function by Blocking Stimulatory Transcription Factors, 332

Adeno-associated virus
Gene Therapy for Hypertension: The Preclinical Data, 543

Adenovirus
Analysis of Cell-Specific Promoters for Viral Gene Therapy Targeted at the Vascular Endothelium, 65

Adrenergic receptor blockers
Gene Therapy for Hypertension: The Preclinical Data, 543

Adrenomedullin
Effect of Neutral Endopeptidase Inhibition on the Actions of Adrenomedullin and Endothelin-1 in Resistance Arteries From Patients With Chronic Heart Failure, 412
Microsatellite DNA Polymorphism of Human Adrenomedullin Gene in Normotensive Subjects and Patients With Essential Hypertension, 9

Adriamycin
Baroreflex Sensitivity and Oxidative Stress in Adriamycin-Induced Heart Failure, 576

Afferent arteriole
Effect of T-Type Selective Calcium Antagonist on Renal Microcirculation: Studies in the Isolated Perfused Hydronephrotic Kidney, 343

Age
Age-Related Reduction of NO Availability and Oxidative Stress in Humans, 274
Aminoguanidine and Aortic Wall Mechanics, Structure, and Composition in Aged Rats, 943
Cardiac and Vascular Remodeling in Older Adults with Borderline Isolated Systolic Hypertension: The ICARe Dicomano Study, 1372
Influence of Parity and Age on Ambulatory Monitored Blood Pressure During Pregnancy, 753
Trajectory of Psychological Risk and Incident Hypertension in Middle-Aged Women, 798

Aging
Aging, Carotid Artery Distensibility, and the Ser422Gly Elastin Gene Polymorphism in Humans, 1185
Aortic Stiffness Is Associated With Visceral Adiposity in Older Adults Enrolled in the Study of Health, Aging, and Body Composition, 429
DASH (Dietary Approaches to Stop Hypertension) Diet Is Effective Treatment for Stage 1 Isolated Systolic Hypertension, 155

Alcohol
Different Alcohol Drinking and Blood Pressure Relationships in France and Northern Ireland: The PRIME Study, 1361
Effects of Alcohol Reduction on Blood Pressure: A Meta-Analysis of Randomized Controlled Trials, 1112

Aldosterone
Adrenal Response to Angiotensin II in Black Hypertension: Lack of Sexual Dimorphism, 373
Angiotensinogen Gene Core Promoter Variants and Non-Modulating Hypertension, 1250
Molecular Basis of Salt Sensitivity in Human Hypertension: Evaluation of Renin-Angiotensin-Aldosterone System Gene Polymorphisms, 1204
Progress in Hypertension Research: 1900-2000, e13
Serum 18-Hydroxycortisol in Primary Aldosteronism, Hypertension, and Normotensives, 688
Treatment of Congestive Heart Failure: Interfering the Aldosterone-Cardiac Extracellular Matrix Relationship, 1227

Ambulatory
Comparative Effects of Ramipril on Ambulatory and Office Blood Pressures: A HOPE Substudy, e28

Amiloride
Blood Pressure Responses to Small Doses of Amiloride and Spironolactone in Normotensive Subjects, 1124

Angioadaptation
Structural Adaptation of Vascular Networks: Role of the Pressure Response, 1476

Angiogenesis
Gene Therapy for Cardiovascular Disease: A Case for Cautious Optimism, 1210
Rescue of Impaired Angiogenesis in Spontaneously Hypertensive Rats by Intramuscular Human Tissue Kallikrein Gene Transfer, 136

Angiotensin
Angiotensin I-Converting Enzyme Modulates Neutral Endopeptidase Activity in the Rat, 650
Angiotensinogen Gene Core Promoter Variants and Non-Modulating Hypertension, 1250
Blockade of Angiotensin Receptor Subtypes in Arcuate Uterine Artery of Pregnant and Postpartum Rats, 1017
Bradykinin Potentiation by Angiotensin-(1-7) and ACE Inhibitors Correlates With ACE C- and N-Domain Blockade, 95
Endogenous Natriuretic Peptides Participate in Renal and Humoral Actions of Acute Vasopeptidase Inhibition in Experimental Mild Heart Failure, 187
History About the Discovery of the Renin-Angiotensin System, 1246
Renin Uptake by the Endothelium Mediates Vascular Angiotensin Formation, 243
Role of the Medulla Oblongata in Hypertension, 549

Angiotensin-(1-7)
Effects of Angiotensin-(1-7) on Forearm Circulation in Normotensive Subjects and Patients With Essential Hypertension, 90
Long-Lasting Cardiovascular Effects of Liposome-Entrapped Angiotensin-(1-7) at the Rostral Ventrolateral Medulla, 1266

Angiotensin antagonist
Angiotensin-(1-7): Cardioprotective Effect in Myocardial Ischemia/Reperfusion, 665
Role of nNOS in Regulation of Renal Function in Angiotensin II-Induced Hypertension, 280

Angiotensin-converting enzyme
Angiotensin I-Converting Enzyme Modulates Neutral Endopeptidase Activity in the Rat, 650
Carotid and Femoral Artery Stiffness in Relation to Three Candidate Genes in a White Population, 1190
Molecular Basis of Salt Sensitivity in Human Hypertension: Evaluation of Renin-Angiotensin-Aldosterone System Gene Polymorphisms, 1204
Potentiation of Kinin Analogues by Ramiprilat Is Exclusively Related to Their Degradation, 142

Angiotensin-converting enzyme inhibitors
ACE Inhibitors and Appearance of Renal Events in Hypertensive Nephrosclerosis, 645
Angiotensin-Converting Enzyme Inhibition Potentiates Angiotensin II Type 1 Receptor Effects on Renal Bradykinin and cGMP, 183
Blood Pressure Control and Benefits of Antihypertensive Therapy: Does It Make a Difference Which Agents We Use? 537
Bradykinin Potentiation by Angiotensin-(1-7) and ACE Inhibitors Correlates With ACE C- and N-Domain Blockade, 95
Chronic ACE Inhibition Enhances the Endothelial Control of Arterial Mechanics and Flow-Dependent Vasodilatation in Heart Failure, 1446
Comparative Effects of Ramipril on Ambulatory and Office Blood Pressures: A HOPE Substudy, e28
Differential Subcellular Actions of ACE Inhibitors and AT_1 Receptor Antagonists on Cardiac Remodeling Induced by Chronic Inhibition of NO Synthesis in Rats, 404
Enalapril Attenuates Oxidative Stress in Diabetic Rats, 1130
Hyperkalemia, Renal Failure, and Converting-Enzyme Inhibition: An Overrated Connection, 639
Iron Supplementation Inhibits Cough Associated With ACE Inhibitors, 166

Isolated Systolic Hypertension in Elderly WKY Is Reversed With L-Arginine and ACE Inhibition, 1422
Local Hemodynamic Changes in Hypertension: Insights for Therapeutic Preservation of Target Organs, 1388
Radial Artery Flow-Mediated Dilatation in Heart Failure Patients: Effects of Pharmacological and Nonpharmacological Treatment, 1451

Angiotensin II
Adrenal Response to Angiotensin II in Black Hypertension: Lack of Sexual Dimorphism, 373
Angiotensin-(1-7): Cardioprotective Effect in Myocardial Ischemia/Reperfusion, 665
Angiotensin AT_1 Receptor Stimulates Heat Shock Protein 27 Phosphorylation In Vitro and In Vivo, 1260
Angiotensin II and Renal Fibrosis, 635
Angiotensin II AT_{1A} Receptor Antisense Lowers Blood Pressure in Acute 2-Kidney, 1-Clip Hypertension, 674
Angiotensin II Induces Phenotype-Dependent Apoptosis in Vascular Smooth Muscle Cells, 1294
Angiotensin II Type 2 Receptor Inhibits Epidermal Growth Factor Receptor Transactivation by Increasing Association of SHP-1 Tyrosine Phosphatase, 367
Angiotensin II Type AT_2 Receptor mRNA Expression and Renal Vasodilatation Are Increased in Renal Failure, 669
Angiotensin II via Activation of Type 1 Receptor Upregulates Expression of Endoglin in Human Coronary Artery Endothelial Cells, 1062
Angiotensin Type 2 Receptor-Mediated Hypotension in Angiotensin Type-1 Receptor-Blocked Rats, 1272
Antioxidants Block Angiotensin II-Induced Increases in Blood Pressure and Endothelin, 655
Candesartan Inhibits Carotid Intimal Thickening and Ameliorates Insulin Resistance in Balloon-Injured Diabetic Rats, 1255
Cardiomyocyte Apoptotic Cell Death in Arterial Hypertension: Mechanisms and Potential Management, 1406
Differential Role of Kinases in Brain Stem of Hypertensive and Normotensive Rats, 1087
Effects of Valsartan on Mechanical Properties of the Carotid Artery in Spontaneously Hypertensive Rats Under High-Salt Diet, 439
Enalapril Attenuates Oxidative Stress in Diabetic Rats, 1130
Endothelin Mediates Some of the Renal Actions of Acutely Administered Angiotensin II, 105
Enhanced Interaction Between Renovascular α_2-Adrenoceptors and Angiotensin II Receptors in Genetic Hypertension, 353
Inhibition of Baroreflex by Angiotensin II via Fos Expression in Nucleus Tractus Solitarii of the Rat, 130
Low-Dose Estrogen Supplementation Improves Vascular Function in Hypogonadal Men, 1011
Nitric Oxide Attenuates the Expression of Transforming Growth Factor-β_3 mRNA in Rat Cardiac Fibroblasts via Destabilization, 261
Oxidative Stress in Arterial Hypertension: Role of NAD(P)H Oxidase, 1395
Rho-Kinase Mediates Angiotensin II-Induced Monocyte Chemoattractant Protein-1 Expression in Rat Vascular Smooth Muscle Cells, 100
Role of nNOS in Regulation of Renal Function in Angiotensin II-Induced Hypertension, 280
Role of the Renin-Angiotensin System in Vascular Diseases: Expanding the Field, 1382

Angiotensin II receptors
Angiotensin II Type 2 Receptor Inhibits Epidermal Growth Factor Receptor Transactivation by Increasing Association of SHP-1 Tyrosine Phosphatase, 367

Angiotensinogen
Angiotensinogen Gene Core Promoter Variants and Non-Modulating Hypertension, 1250
Angiotensinogen Polymorphism M235T, Carotid Atherosclerosis, and Small-Vessel Disease-Related Cerebral Abnormalities, 110
Molecular Basis of Salt Sensitivity in Human Hypertension: Evaluation of Renin-Angiotensin-Aldosterone System Gene Polymorphisms, 1204
Renin Uptake by the Endothelium Mediates Vascular Angiotensin Formation, 243

Angiotonin
History About the Discovery of the Renin-Angiotensin System, 1246

Antihypertensive agents
Antihypertensive Action of Amiodarone in Spontaneously Hypertensive Rats, 597
Omapatrilat in Subtotal Nephrectomy-Salt Hypertension: Role of Calcitonin Gene-Related Peptide, 697
Pulse Pressure Changes With Six Classes of Antihypertensive Agents in a Randomized, Controlled Trial, 953
Pulse Pressure, Arterial Stiffness, and Drug Treatment of Hypertension, 914

Antihypertensive therapy
ACE Inhibitors and Appearance of Renal Events in Hypertensive Nephrosclerosis, 645
Comparative Effects of Ramipril on Ambulatory and Office Blood Pressures: A HOPE Substudy, e28
Conventional Antihypertensive Drug Therapy Does Not Prevent the Increase of Pulse Pressure With Age, 958
Effects of Antisense Oligodeoxynucleotide Targeting of the α_{2B}-Adrenergic Receptor Messenger RNA in the Central Nervous System, 1075
Improved Hypertension Management and Control: Results From the Health Survey for England 1998, 827
Improvement in Blood Pressure, Arterial Stiffness and Wave Reflections With a Very-Low-Dose Perindopril/Indapamide Combination in Hypertensive Patient: A Comparison With Atenolol, 922
One-Year Study of Felodipine or Placebo for Stage 1 Isolated Systolic Hypertension, 1118

Antioxidants
Antioxidant Effects of Vitamins C and E Are Associated With Altered Activation of Vascular NADPH Oxidase and Superoxide Dismutase in Stroke-Prone SHR, 606
Antioxidants Block Angiotensin II-Induced Increases in Blood Pressure and Endothelin, 655

Antisense
Gene Therapy for Hypertension: The Preclinical Data, 543

Anxiety
Trajectory of Psychological Risk and Incident Hypertension in Middle-Aged Women, 798

Aorta
Aerobic Exercise Training Does Not Modify Large-Artery Compliance in Isolated Systolic Hypertension, 222
Aminoguanidine and Aortic Wall Mechanics, Structure, and Composition in Aged Rats, 943
Angiotensin AT_1 Receptor Stimulates Heat Shock Protein 27 Phosphorylation In Vitro and In Vivo, 1260
Increased Expression of Peroxisome Proliferator-Activated Receptor-α and -γ in Blood Vessels of Spontaneously Hypertensive Rats, 249
Pressure-Altering Agents Affect Central Aortic Pressures More Than Is Apparent From Upper Limb Measurements in Hypertensive Patients: The Role of Arterial Wave Reflections, 1456
Prospective Evaluation of a Method for Estimating Ascending Aortic Pressure From the Radial Artery Pressure Waveform, 932
Pulsatile Hemodynamics in Congestive Heart Failure, 1433
Role of Angiotensin II and Free Radicals in Blood Pressure Regulation in a Rat Model of Renal Hypertension, 361

Aortic pressure waveform
Acute Effect of Caffeine on Arterial Stiffness and Aortic Pressure Waveform, 227

Aortic stiffness
Arterial Wave Reflections and Survival in End-Stage Renal Failure, 434

Apoptosis
Angiotensin II Induces Phenotype-Dependent Apoptosis in Vascular Smooth Muscle Cells, 1294
Apoptosis and Glomerular Injury After Prolonged Nitric Oxide Synthase Inhibition in Spontaneously Hypertensive Rats, 1300
Cardiomyocyte Apoptotic Cell Death in Arterial Hypertension: Mechanisms and Potential Management, 1406
Endothelial Apoptosis Induced by Oxidative Stress Through Activation of NF-κB: Antiapoptotic Effect of Antioxidant Agents on Endothelial Cells, 48
Vascular Remodeling in Hypertension: Roles of Apoptosis, Inflammation, and Fibrosis, 581

Arachidonic acid
Angiotensin II Type AT_2 Receptor mRNA Expression and Renal Vasodilatation Are Increased in Renal Failure, 669
Arterial compliance
Cardiac and Vascular Remodeling in Older Adults with Borderline Isolated Systolic Hypertension: The ICARe Dicomano Study, 1372
Office Blood Pressures, Arterial Compliance Characteristics, and Estimated Cardiac Load, 1467
Arterial pressure
Carotid Pressure Is a Better Predictor of Coronary Artery Disease Severity Than Brachial Pressure, 927
Differential Role of Kinases in Brain Stem of Hypertensive and Normotensive Rats, 1087
High-Salt Diet Enhances Vascular Reactivity in Pregnant Rats With Normal and Reduced Uterine Perfusion Pressure, 730
Arterial remodeling
Functional Correlates of Central Arterial Geometric Phenotypes, 1471
Arterial stiffness
Acute Effect of Caffeine on Arterial Stiffness and Aortic Pressure Waveform, 227
Heart Rate, Arterial Stiffness, and Wave Reflections in Paced Patients, 949
Pulse Pressure, Arterial Stiffness, and Drug Treatment of Hypertension, 914
Arterial wall thickness
Apoptosis and Glomerular Injury After Prolonged Nitric Oxide Synthase Inhibition in Spontaneously Hypertensive Rats, 1300
Arterial wave reflection
Arterial Wave Reflections and Survival in End-Stage Renal Failure, 434
Arteries
Aerobic Exercise Training Does Not Modify Large-Artery Compliance in Isolated Systolic Hypertension, 222
Arterial Calcifications, Arterial Stiffness, and Cardiovascular Risk in End-Stage Renal Disease, 938
Arterial Epidermal Growth Factor Receptor Expression in Deoxycorticosterone Acetate-Salt Hypertension, 1337
Brachial Artery Elastic Mechanics in Patients With Heart Failure, 1440
Cardiovascular Risk Assessment Using Pulse Pressure in the First National Health and Nutrition Examination Survey (NHANES I), 793
Carotid and Femoral Artery Stiffness in Relation to Three Candidate Genes in a White Population, 1190
Carotid Pressure Is a Better Predictor of Coronary Artery Disease Severity Than Brachial Pressure, 927
Chronic ACE Inhibition Enhances the Endothelial Control of Arterial Mechanics and Flow-Dependent Vasodilatation in Heart Failure, 1446
Compressibility of the Carotid Artery in Patients With Pseudoxanthoma Elasticum, 1181
Cyclic Stretch Enhances the Expression and Activity of Coronary Endothelium-Derived Hyperpolarizing Factor Synthase, 1427
Divergent Biological Actions of Coronary Endothelial Nitric Oxide During Progression of Cardiac Hypertrophy, 267
Effect of Neutral Endopeptidase Inhibition on the Actions of Adrenomedullin and Endothelin-1 in Resistance Arteries From Patients With Chronic Heart Failure, 412
Increased Expression of Peroxisome Proliferator-Activated Receptor-α and -γ in Blood Vessels of Spontaneously Hypertensive Rats, 249
Local Effects of Atherosclerotic Plaque on Arterial Distensibility, 1177
Mechanical Strength of the Isolated Carotid Artery in SHR, 1167
Pressure-Altering Agents Affect Central Aortic Pressures More Than Is Apparent From Upper Limb Measurements in Hypertensive Patients: The Role of Arterial Wave Reflections, 1456
Pressure Amplification Explains Why Pulse Pressure Is Unrelated to Risk in Young Subjects, 1461
Pulse Pressure, Endothelium Function, and Arterial Stiffness in Spontaneously Hypertensive Rats, 1416
Receptor-Based Differences in Human Aortic Smooth Muscle Cell Membrane Stiffness, 1158
Role of Corticotrophin-Releasing Factor in Effects of Leptin on Sympathetic Nerve Activity and Arterial Pressure, 384
Sodium Intake, Large Artery Stiffness, and Proteoglycans in the Spontaneously Hypertensive Rat, 1172
Vascular Remodeling in Hypertension: Roles of Apoptosis, Inflammation, and Fibrosis, 581
Wine Polyphenols Decrease Blood Pressure, Improve NO Vasodilatation, and Induce Gene Expression, 159
Arteries, resistance
Src Is an Important Mediator of Extracellular Signal-Regulated Kinase 1/2-Dependent Growth Signaling by Angiotensin II in Smooth Muscle Cells From Resistance Arteries of Hypertensive Patients, 56
Arteries, uterine
Blockade of Angiotensin Receptor Subtypes in Arcuate Uterine Artery of Pregnant and Postpartum Rats, 1017
AT_1 blockade
Effects of Valsartan on Mechanical Properties of the Carotid Artery in Spontaneously Hypertensive Rats Under High-Salt Diet, 439
AT_1 receptor blockade
Local Hemodynamic Changes in Hypertension: Insights for Therapeutic Preservation of Target Organs, 1388
Atherosclerosis
Angiotensinogen Polymorphism M235T, Carotid Atherosclerosis, and Small-Vessel Disease-Related Cerebral Abnormalities, 110
Cardiac and Vascular Remodeling in Older Adults with Borderline Isolated Systolic Hypertension: The ICARe Dicomano Study, 1372
Effects of the Reactive Oxygen Species Hydrogen Peroxide and Hypochlorite on Endothelial Nitric Oxide Production, 877
Flow Pulsatility Is a Critical Determinant of Oxidative Stress in Endothelial Cells, 1162
Gene Therapy for Cardiovascular Disease: A Case for Cautious Optimism, 1210
3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase Inhibitors Upregulate Inducible NO Synthase Expression and Activity in Vascular Smooth Muscle Cells, 1024
Local Effects of Atherosclerotic Plaque on Arterial Distensibility, 1177
A Novel Form of Platelet-Type 12-Lipoxygenase mRNA in Human Vascular Smooth Muscle Cells, 864
Augmentation index
Acute Effect of Caffeine on Arterial Stiffness and Aortic Pressure Waveform, 227
Autonomic nervous system
Antihypertensive Action of Amiodarone in Spontaneously Hypertensive Rats, 597
Centrally Mediated Effects of Bromocriptine on Cardiac Sympathovagal Balance, 123
Limited Effect of Systemic β-Blockade on Sympathetic Outflow, 1377
Autoregulation
An Endothelium-Derived Hyperpolarizing Factor-Like Factor Moderates Myogenic Constriction of Mesenteric Resistance Arteries in the Absence of Endothelial Nitric Oxide Synthase-Derived Nitric Oxide, 833
Renal Blood Flow Dynamics and Arterial Pressure Lability in the Conscious Rat, 147

B

Balloon injury
Candesartan Inhibits Carotid Intimal Thickening and Ameliorates Insulin Resistance in Balloon-Injured Diabetic Rats, 1255
Baroreceptors
Antihypertensive Action of Amiodarone in Spontaneously Hypertensive Rats, 597
Contribution of Nitric Oxide to Arterial Pressure and Heart Rate Variability in Rats Submitted to High-Sodium Intake, 326
Effects of Chronic Clonidine Administration on Sympathetic Nerve Traffic and Baroreflex Function in Heart Failure, 286
Lesions of the Commissural Nucleus of the Solitary Tract Reduce Arterial Pressure in Spontaneously Hypertensive Rats, 560
Baroreflex
Baroreflex Sensitivity and Oxidative Stress in Adriamycin-Induced Heart Failure, 576

Cardiovascular Neural Reflexes in L-NAME-Induced Hypertension in Mice, 555

Bax

Endothelial Apoptosis Induced by Oxidative Stress Through Activation of NF-κB: Antiapoptotic Effect of Antioxidant Agents on Endothelial Cells, 48

Biomechanics

Compressibility of the Carotid Artery in Patients With Pseudoxanthoma Elasticum, 1181

Biopterin

Supplemention With Tetrahydrobiopterin Suppresses the Development of Hypertension in Spontaneously Hypertensive Rats, 1044

Birth weight

Birth Weight Influences Blood Pressure Values and Variability in Children and Adolescents, 389

Blacks

Effects of Race and Hypertension on Flow-Mediated and Nitroglycerin-Mediated Dilation of the Brachial Artery, 1349

Overweight and Sympathetic Overactivity in Black Americans, 379

Transepithelial Sodium Absorption Is Increased in People of African Origin, 76

β-Blockade

Limited Effect of Systemic β-Blockade on Sympathetic Outflow, 1377

Blood flow

Does Leptin Stimulate Nitric Oxide to Oppose the Effects of Sympathetic Activation? 1081

Possible Involvement of Rho-Kinase in the Pathogenesis of Hypertension in Humans, 1307

Blood flow velocity

Functional Correlates of Central Arterial Geometric Phenotypes, 1471

Blood pressure

Acute Effect of Caffeine on Arterial Stiffness and Aortic Pressure Waveform, 227

Angiotensin Type 2 Receptor-Mediated Hypotension in Angiotensin Type-1 Receptor-Blocked Rats, 1272

Baroreflex Sensitivity and Oxidative Stress in Adriamycin-Induced Heart Failure, 576

Birth Weight Influences Blood Pressure Values and Variability in Children and Adolescents, 389

Blood Pressure and Inflammation in Apparently Healthy Men, 399

Blood Pressure Control and Benefits of Antihypertensive Therapy: Does It Make a Difference Which Agents We Use? 537

Blood Pressure Responses to Small Doses of Amiloride and Spironolactone in Normotensive Subjects, 1124

Cardiovascular Effects of an Earthquake: Direct Evidence by Ambulatory Blood Pressure Monitoring, 1093

Chronic AT_1 Receptor Blockade Alters Autonomic Balance and Sympathetic Responses in Hypertension, 569

Chronic Thromboxane Synthase Inhibition Prevents Fructose-Induced Hypertension, 872

Contribution of Nitric Oxide to Arterial Pressure and Heart Rate Variability in Rats Submitted to High-Sodium Intake, 326

Conventional Antihypertensive Drug Therapy Does Not Prevent the Increase of Pulse Pressure With Age, 958

DASH (Dietary Approaches to Stop Hypertension) Diet Is Effective Treatment for Stage 1 Isolated Systolic Hypertension, 155

Dietary Protein and Soluble Fiber Reduce Ambulatory Blood Pressure in Treated Hypertensives, 821

Different Alcohol Drinking and Blood Pressure Relationships in France and Northern Ireland: The PRIME Study, 1361

Does Leptin Stimulate Nitric Oxide to Oppose the Effects of Sympathetic Activation? 1081

Downregulation of Angiotensin II Type 1 Receptors During Sepsis, 177

Effect of Angiotensin II Synthesis Blockade on the Hypertensive Response to Chronic Reductions in Uterine Perfusion Pressure in Pregnant Rats, 742

Effects of Alcohol Reduction on Blood Pressure: A Meta-Analysis of Randomized Controlled Trials, 1112

Enhanced Affective Startle Modulation in Salt-Sensitive Subjects, 1325

Functional Correlates of Central Arterial Geometric Phenotypes, 1471

Gender Differences in Associations of Diurnal Blood Pressure Variation, Awake Physical Activity, and Sleep Quality With Negative Affect: The Work Site Blood Pressure Study, 997

Genomic Scan for Exercise Blood Pressure in the Health, Risk Factors, Exercise Training and Genetics (HERITAGE) Family Study, 30

Hemodynamic and Metabolic Profile in Offspring of Malignant Hypertensive Parents, 616

High-Meat, Low-Carbohydrate Diet in Pregnancy: Relation to Adult Blood Pressure in the Offspring, 1282

Importance of the Renin System for Determining Blood Pressure Fall With Acute Salt Restriction in Hypertensive and Normotensive Whites, 321

Influence of Parity and Age on Ambulatory Monitored Blood Pressure During Pregnancy, 753

Link of Nonhemodynamic Factors to Hemodynamic Determinants of Left Ventricular Hypertrophy, 13

Long-Lasting Cardiovascular Effects of Liposome-Entrapped Angiotensin-(1-7) at the Rostral Ventrolateral Medulla, 1266

Neither the New Zealand Genetically Hypertensive Strain nor Dahl Salt-Sensitive Strain Has an A1079T Transversion in the α1 Isoform of the Na^+,K^+-ATPase Gene, 786

Office Blood Pressures, Arterial Compliance Characteristics, and Estimated Cardiac Load, 1467

Overweight and Sympathetic Overactivity in Black Americans, 379

Peaks and Valleys, 38

Pet Ownership, but Not ACE Inhibitor Therapy, Blunts Home Blood Pressure Responses to Mental Stress, 815

Physiological and Pathophysiological Functions of the AT_2 Subtype Receptor of Angiotensin II: From Large Arteries to the Microcirculation, 1150

Predictable Blood Pressure Variability in Healthy and Complicated Pregnancies, 736

Pressure-Altering Agents Affect Central Aortic Pressures More Than Is Apparent From Upper Limb Measurements in Hypertensive Patients: The Role of Arterial Wave Reflections, 1456

Pressure Amplification Explains Why Pulse Pressure Is Unrelated to Risk in Young Subjects, 1461

Pulse Pressure Compared With Other Blood Pressure Indexes in the Prediction of 25-Year Cardiovascular and All-Cause Mortality Rates: The Chicago Heart Association Detection Project in Industry Study, 232

Pulse Pressure, Arterial Stiffness, and Drug Treatment of Hypertension, 914

Renal Blood Flow Dynamics and Arterial Pressure Lability in the Conscious Rat, 147

Renal Dopamine System: Paracrine Regulator of Sodium Homeostasis and Blood Pressure, 297

Role of Calcitonin Gene-Related Peptide and Substance P in Dahl-Salt Hypertension, 679

Role of Corticotrophin-Releasing Factor in Effects of Leptin on Sympathetic Nerve Activity and Arterial Pressure, 384

Sodium Sensitivity of Blood Pressure Appearing Before Hypertension and Related to Histological Damage in Immunoglobulin A Nephropathy, 81

Splenorenal Reflex Regulation of Arterial Pressure, 348

Time-Qualified Reference Values for Ambulatory Blood Pressure Monitoring in Pregnancy, 746

Trajectory of Psychological Risk and Incident Hypertension in Middle-Aged Women, 798

Two Linked Blood Pressure Quantitative Trait Loci on Chromosome 10 Defined by Dahl Rat Congenic Strains, 779

Blood pressure monitoring

Comparative Effects of Ramipril on Ambulatory and Office Blood Pressures: A HOPE Substudy, e28

Prevalence and Therapeutic Control of Hypertension in 30 000 Subjects in the Workplace, 449

Prospective Evaluation of a Method for Estimating Ascending Aortic Pressure From the Radial Artery Pressure Waveform, 932

Blood pressure monitoring, ambulatory

Birth Weight Influences Blood Pressure Values and Variability in Children and Adolescents, 389

Cardiovascular Effects of an Earthquake: Direct Evidence by Ambulatory Blood Pressure Monitoring, 1093

Dietary Protein and Soluble Fiber Reduce Ambulatory Blood Pressure in Treated Hypertensives, 821

Evaluation of the Blood Pressure Load in the Diagnosis of Hypertension in Pregnancy, 723

Gender Differences in Associations of Diurnal Blood Pressure Variation, Awake Physical Activity, and Sleep Quality With Negative Affect: The Work Site Blood Pressure Study, 997
Hemodynamic and Metabolic Profile in Offspring of Malignant Hypertensive Parents, 616
Impairment of Renal Vasodilation With L-Arginine Is Related to More Severe Disease in Untreated Hypertensive Patients, 907
Influence of Parity and Age on Ambulatory Monitored Blood Pressure During Pregnancy, 753
Perceived Job Stress but not Individual Cardiovascular Reactivity to Stress Is Related to Higher Blood Pressure at Work, 71
Predictable Blood Pressure Variability in Healthy and Complicated Pregnancies, 736
Stroke Prognosis and Abnormal Nocturnal Blood Pressure Falls in Older Hypertensives, 852
Time-Qualified Reference Values for Ambulatory Blood Pressure Monitoring in Pregnancy, 746

Blood vessels
Ca^{2+} Influx is Increased in 2-Kidney, 1-Clip Hypertensive Rat Aorta, 592
Studies in Hemodynamics and Hypertension, 1

Book Reviews
Clinical Trials in Hypertension, e34
The Dash Diet for Hypertension: Lower Your Blood Pressure in 14 Days-Without Drugs, e33

Brachial artery
Endothelium-Derived Nitric Oxide Regulates Arterial Elasticity in Human Arteries In Vivo, 1049

Bradykinin
Angiotensin-Converting Enzyme Inhibition Potentiates Angiotensin II Type 1 Receptor Effects on Renal Bradykinin and cGMP, 183
Bradykinin Potentiation by Angiotensin-(1-7) and ACE Inhibitors Correlates With ACE C- and N-Domain Blockade, 95
Expression Analysis Using Oligonucleotide Microarrays in Mice Lacking Bradykinin Type 2 Receptors, e1
Interactions Between Angiotensin-(1-7), Kinins, and Angiotensin II in Kidney and Blood Vessels, 660
Potentiation of Kinin Analogues by Ramiprilat Is Exclusively Related to Their Degradation, 142
Role of the B_2 Receptor of Bradykinin in Insulin Sensitivity, 1355

Brain
Differential Role of Kinases in Brain Stem of Hypertensive and Normotensive Rats, 1087
Involvement of Brain Mineralocorticoid Receptor in Salt-Enhanced Hypertension in Spontaneously Hypertensive Rats, 902
Overexpression of eNOS in the RVLM Causes Hypotension and Bradycardia Via GABA Release, 896
Role of the Medulla Oblongata in Hypertension, 549

Breast-feeding
Can Perinatal Supplementation of Long-Chain Polyunsaturated Fatty Acids Prevent Hypertension in Adult Life? e6

C

Caffeine
Acute Effect of Caffeine on Arterial Stiffness and Aortic Pressure Waveform, 227
Pressure-Altering Agents Affect Central Aortic Pressures More Than Is Apparent From Upper Limb Measurements in Hypertensive Patients: The Role of Arterial Wave Reflections, 1456

Calcifications
Arterial Calcifications, Arterial Stiffness, and Cardiovascular Risk in End-Stage Renal Disease, 938

Calcium
Angiotensin II Induces Phenotype-Dependent Apoptosis in Vascular Smooth Muscle Cells, 1294
Ca^{2+} Influx is Increased in 2-Kidney, 1-Clip Hypertensive Rat Aorta, 592
Relation of Cellular Potassium to Other Mineral Ions in Hypertension and Diabetes, 709

Calcium antagonists
Effect of T-Type Selective Calcium Antagonist on Renal Microcirculation: Studies in the Isolated Perfused Hydronephrotic Kidney, 343
Local Hemodynamic Changes in Hypertension: Insights for Therapeutic Preservation of Target Organs, 1388

Calcium channel blockers
Blood Pressure Control and Benefits of Antihypertensive Therapy: Does It Make a Difference Which Agents We Use? 537

Capillaries
Impaired Skin Capillary Recruitment in Essential Hypertension Is Caused by Both Functional and Structural Capillary Rarefaction, 238

Cardiac work
Office Blood Pressures, Arterial Compliance Characteristics, and Estimated Cardiac Load, 1467

Cardiomyopathies
Angiotensin II Type 2 Receptors and Cardiac Hypertrophy in Women With Hypertrophic Cardiomyopathy, 1278
Cardiomyocyte Apoptotic Cell Death in Arterial Hypertension: Mechanisms and Potential Management, 1406

Cardiovascular diseases
Arterial Calcifications, Arterial Stiffness, and Cardiovascular Risk in End-Stage Renal Disease, 938
Cardiovascular Risk Assessment Using Pulse Pressure in the First National Health and Nutrition Examination Survey (NHANES I), 793
Fibrinogen and Preclinical Echocardiographic Target Organ Damage: The Strong Heart Study, 1068
Gangliosides GM1 and GM2 Induce Vascular Smooth Muscle Cell Proliferation via Extracellular Signal-Regulated Kinase 1/2 Pathway, 1030
Genes Encoding Fibrinogen and Cardiovascular Risk, 1199
Pulse Pressure Compared With Other Blood Pressure Indexes in the Prediction of 25-Year Cardiovascular and All-Cause Mortality Rates: The Chicago Heart Association Detection Project in Industry Study, 232
Ultrasonography for the Evaluation of Visceral Fat and Cardiovascular Risk, 713

Cardiovascular effects
Long-Lasting Cardiovascular Effects of Liposome-Entrapped Angiotensin-(1-7) at the Rostral Ventrolateral Medulla, 1266

Cardiovascular gene therapy
Gene Therapy for Cardiovascular Disease: A Case for Cautious Optimism, 1210

Cardiovascular physiology
Limited Effect of Systemic β-Blockade on Sympathetic Outflow, 1377

Cardiovascular regulation
Overexpression of eNOS in the RVLM Causes Hypotension and Bradycardia Via GABA Release, 896

Carotid arteries
Aging, Carotid Artery Distensibility, and the Ser422Gly Elastin Gene Polymorphism in Humans, 1185
Angiotensinogen Polymorphism M235T, Carotid Atherosclerosis, and Small-Vessel Disease-Related Cerebral Abnormalities, 110
Cardiac and Vascular Remodeling in Older Adults with Borderline Isolated Systolic Hypertension: The ICARe Dicomano Study, 1372
Effects of Valsartan on Mechanical Properties of the Carotid Artery in Spontaneously Hypertensive Rats Under High-Salt Diet, 439
Functional Correlates of Central Arterial Geometric Phenotypes, 1471

Catecholamines
Central Human Cocaine- and Amphetamine-Regulated Transcript Peptide 55-102 Increases Arterial Pressure in Conscious Rabbits, 1096

Cell adhesion molecules
Analysis of Cell-Specific Promoters for Viral Gene Therapy Targeted at the Vascular Endothelium, 65
Blood Pressure and Inflammation in Apparently Healthy Men, 399

Cell signaling
Renal Dopamine System: Paracrine Regulator of Sodium Homeostasis and Blood Pressure, 297

Cells
Angiotensin II Induces Phenotype-Dependent Apoptosis in Vascular Smooth Muscle Cells, 1294

Central adrenoreceptors
Limited Effect of Systemic β-Blockade on Sympathetic Outflow, 1377

Central nervous system
Central Human Cocaine- and Amphetamine-Regulated Transcript Peptide 55-102 Increases Arterial Pressure in Conscious Rabbits, 1096
Central obesity
Aortic Stiffness Is Associated With Visceral Adiposity in Older Adults Enrolled in the Study of Health, Aging, and Body Composition, 429
Cerebral ischemia
Stroke Prognosis and Abnormal Nocturnal Blood Pressure Falls in Older Hypertensives, 852
Chemoreceptors
Lesions of the Commissural Nucleus of the Solitary Tract Reduce Arterial Pressure in Spontaneously Hypertensive Rats, 560
Role of the Medulla Oblongata in Hypertension, 549
Children
Birth Weight Influences Blood Pressure Values and Variability in Children and Adolescents, 389
Cholesterol
3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase Inhibitors Up-regulate Inducible NO Synthase Expression and Activity in Vascular Smooth Muscle Cells, 1024
Chromosome 7
Expression Analysis Using Oligonucleotide Microarrays in Mice Lacking Bradykinin Type 2 Receptors, e1
Circadian
Time-Qualified Reference Values for Ambulatory Blood Pressure Monitoring in Pregnancy, 746
Circadian rhythm
Influence of Parity and Age on Ambulatory Monitored Blood Pressure During Pregnancy, 753
Stroke Prognosis and Abnormal Nocturnal Blood Pressure Falls in Older Hypertensives, 852
Circulation
Chemokines and Leukocyte Activation in the Fetal Circulation During Preeclampsia, 394
Cirrhosis
Hyperhomocysteinemia in Liver Cirrhosis: Mechanisms and Role in Vascular and Hepatic Fibrosis, 1217
Clinical trials
Comparative Effects of Ramipril on Ambulatory and Office Blood Pressures: A HOPE Substudy, e28
DASH (Dietary Approaches to Stop Hypertension) Diet Is Effective Treatment for Stage 1 Isolated Systolic Hypertension, 155
Effects of Alcohol Reduction on Blood Pressure: A Meta-Analysis of Randomized Controlled Trials, 1112
One-Year Study of Felodipine or Placebo for Stage 1 Isolated Systolic Hypertension, 1118
Clonidine
Effects of Chronic Clonidine Administration on Sympathetic Nerve Traffic and Baroreflex Function in Heart Failure, 286
Collagen
Aminoguanidine and Aortic Wall Mechanics, Structure, and Composition in Aged Rats, 943
Attenuation of Cardiac Failure, Dilatation, Damage, and Detrimental Interstitial Remodeling Without Regression of Hypertrophy in Hypertensive Rats, 846
Biochemical Assessment of Myocardial Fibrosis in Hypertensive Heart Disease, 1222
Mechanical Strength of the Isolated Carotid Artery in SHR, 1167
Treatment of Congestive Heart Failure: Interfering the Aldosterone-Cardiac Extracellular Matrix Relationship, 1227
Vascular Remodeling in Hypertension: Roles of Apoptosis, Inflammation, and Fibrosis, 581
Colon
Chronic Exposure to Vasopressin Upregulates ENaC and Sodium Transport in the Rat Renal Collecting Duct and Lung, 1143
Complex polygenic disease
Interaction of α_1-Na,K-ATPase and Na,K,2Cl-Cotransporter Genes in Human Essential Hypertension, 204
Compliance
Aerobic Exercise Training Does Not Modify Large-Artery Compliance in Isolated Systolic Hypertension, 222
Brachial Artery Elastic Mechanics in Patients With Heart Failure, 1440
Effect of a *COL1A1* Sp1 Binding Site Polymorphism on Arterial Pulse Wave Velocity: An Index of Compliance, 444
Computed tomography
Functional Assessment of the Circulation of the Single Kidney, 625
Ultrasonography for the Evaluation of Visceral Fat and Cardiovascular Risk, 713
Contractility
Acute Gender-Specific Hemodynamic and Inotropic Effects of 17β-Estradiol on Rats, 1003
Negative Inotropic and Chronotropic Effects of Oxytocin, 292
Contraction
High-Salt Diet Enhances Vascular Reactivity in Pregnant Rats With Normal and Reduced Uterine Perfusion Pressure, 730
Coronary artery
Bradykinin Potentiation by Angiotensin-(1-7) and ACE Inhibitors Correlates With ACE C- and N-Domain Blockade, 95
Coronary artery disease
Carotid Pressure Is a Better Predictor of Coronary Artery Disease Severity Than Brachial Pressure, 927
Coronary disease
Pulse Pressure Compared With Other Blood Pressure Indexes in the Prediction of 25-Year Cardiovascular and All-Cause Mortality Rates: The Chicago Heart Association Detection Project in Industry Study, 232
Coronary hemodynamics
Isolated Systolic Hypertension in Elderly WKY Is Reversed With L-Arginine and ACE Inhibition, 1422
Cough
Iron Supplementation Inhibits Cough Associated With ACE Inhibitors, 166
Cyclic GMP
Angiotensin-Converting Enzyme Inhibition Potentiates Angiotensin II Type 1 Receptor Effects on Renal Bradykinin and cGMP, 183
Nitric Oxide Attenuates the Expression of Transforming Growth Factor-β_1 mRNA in Rat Cardiac Fibroblasts via Destabilization, 261
Renal Interstitial cGMP Mediates Natriuresis by Direct Tubule Mechanism, 309
Cyclooxygenase
Lipids Stimulate the Production of 6-keto-prostaglandin $F_{1\alpha}$ in Human Dorsal Hand Veins, 858
Renal Cyclooxygenase-2: Evidence for Recruitment of Thick Ascending Limb of Henle Cells in Microdissected Nephron Segments, 630
Wine Polyphenols Decrease Blood Pressure, Improve NO Vasodilatation, and Induce Gene Expression, 159
Cytochrome P450
Angiotensin II Type AT_2 Receptor mRNA Expression and Renal Vasodilatation Are Increased in Renal Failure, 669
Cyclic Stretch Enhances the Expression and Activity of Coronary Endothelium-Derived Hyperpolarizing Factor Synthase, 1427
Cytokines
Downregulation of Angiotensin II Type 1 Receptors During Sepsis, 177
Pathophysiology of Hypertension During Preeclampsia Linking Placental Ischemia With Endothelial Dysfunction, 718

D

Denervation
Renal Blood Flow Dynamics and Arterial Pressure Lability in the Conscious Rat, 147
Deoxycorticosterone
Enhanced Contraction to 5-Hydroxytryptamine Is Not Due to "Unmasking" of 5-Hydroxytryptamine$_{1B}$ Receptors in the Mesenteric Artery of the Deoxycorticosterone Acetate-Salt Rat, 891
Intrarenal Transport and Vasoactive Substances in Hypertension, 621
Ovarian Hormones Modulate Endothelin-1 Vascular Reactivity and mRNA Expression in DOCA-Salt Hypertensive Rats, 692
Deoxycorticosterone acetate
NADH/NADPH Oxidase and Enhanced Superoxide Production in the Mineralocorticoid Hypertensive Rat, 1107
Depression
Trajectory of Psychological Risk and Incident Hypertension in Middle-Aged Women, 798

Development
Hypertension After Neonatal Uninephrectomy in Rats Precedes Glomerular Damage, 337
Diabetes
Altered Cellular Magnesium Responsiveness to Hyperglycemia in Hypertensive Subjects, 612
Left Ventricular Systolic Dysfunction in a Biracial Sample of Hypertensive Adults: The HyperGEN Study, 417
Relation of Cellular Potassium to Other Mineral Ions in Hypertension and Diabetes, 709
Treatment of Obesity Hypertension and Diabetes Syndrome, 705
Diabetes mellitus
Enalapril Attenuates Oxidative Stress in Diabetic Rats, 1130
Diabetic nephropathy
Enalapril Attenuates Oxidative Stress in Diabetic Rats, 1130
Diastole
Inverse Association Between Free Insulin-Like Growth Factor-1 and Isovolumic Relaxation in Arterial Systemic Hypertension, 840
Left Ventricular Systolic Dysfunction in a Biracial Sample of Hypertensive Adults: The HyperGEN Study, 417
Relationship Between Left Ventricular Diastolic Relaxation and Systolic Function in Hypertension: The Hypertension Genetic Epidemiology Network (HyperGEN) Study, 424
Diet
Cardiac βARK1 Upregulation Induced by Chronic Salt Deprivation in Rats, 255
DASH (Dietary Approaches to Stop Hypertension) Diet Is Effective Treatment for Stage 1 Isolated Systolic Hypertension, 155
Dietary Protein and Soluble Fiber Reduce Ambulatory Blood Pressure in Treated Hypertensives, 821
High-Meat, Low-Carbohydrate Diet in Pregnancy: Relation to Adult Blood Pressure in the Offspring, 1282
Sodium Intake, Large Artery Stiffness, and Proteoglycans in the Spontaneously Hypertensive Rat, 1172
Diet, sodium-restricted
Importance of the Renin System for Determining Blood Pressure Fall With Acute Salt Restriction in Hypertensive and Normotensive Whites, 321
Distensibility
Aging, Carotid Artery Distensibility, and the Ser422Gly Elastin Gene Polymorphism in Humans, 1185
Diuresis
Sodium Intake, Large Artery Stiffness, and Proteoglycans in the Spontaneously Hypertensive Rat, 1172
Docosahexaenoic acid
Can Perinatal Supplementation of Long-Chain Polyunsaturated Fatty Acids Prevent Hypertension in Adult Life? e6
Dopamine
Adrenergic and Endothelin B Receptor-Dependent Hypertension in Dopamine Receptor Type-2 Knockout Mice, 303
Centrally Mediated Effects of Bromocriptine on Cardiac Sympathovagal Balance, 123
Drug therapy
Gene Therapy for Hypertension: The Preclinical Data, 543
Pulse Pressure Changes With Six Classes of Antihypertensive Agents in a Randomized, Controlled Trial, 953
Studies in Hemodynamics and Hypertension, 1
Treatment of Obesity Hypertension and Diabetes Syndrome, 705
Dyslipidemia
Genome Scan for Blood Pressure in Dutch Dyslipidemic Families Reveals Linkage to a Locus on Chromosome 4p, 773

E

Earthquake
Cardiovascular Effects of an Earthquake: Direct Evidence by Ambulatory Blood Pressure Monitoring, 1093
Echocardiography
Fibrinogen and Preclinical Echocardiographic Target Organ Damage: The Strong Heart Study, 1068
Inverse Association Between Free Insulin-Like Growth Factor-1 and Isovolumic Relaxation in Arterial Systemic Hypertension, 840
Left Ventricular Systolic Dysfunction in a Biracial Sample of Hypertensive Adults: The HyperGEN Study, 417
One-Year Study of Felodipine or Placebo for Stage 1 Isolated Systolic Hypertension, 1118
Relationship Between Left Ventricular Diastolic Relaxation and Systolic Function in Hypertension: The Hypertension Genetic Epidemiology Network (HyperGEN) Study, 424
Editorials
Fourth International Seminar on Cardiovascular Biology and Medicine, 1198
Fourth Workshop on Structure and Function of Large Arteries, 913
Guest Editor's Letter, 535
"Hale" and Farewell: An Epilogue After 8 Years, 1233
Humanism Versus Terrorism, 1244
Hypertension: Our Major Challenges, 990
On Not Being the Last to Give Up the Old or the First to Adopt the New, 759
Sixtieth Anniversary of Angiotensin, 1245
Education
Predictors of Uncontrolled Hypertension in Ambulatory Patients, 809
Efferent arteriole
Effect of T-Type Selective Calcium Antagonist on Renal Microcirculation: Studies in the Isolated Perfused Hydronephrotic Kidney, 343
EGF
Arterial Epidermal Growth Factor Receptor Expression in Deoxycorticosterone Acetate-Salt Hypertension, 1337
Eicosanoids
Modulation by 20-HETE of Phenylephrine-Induced Mesenteric Artery Contraction in Spontaneously Hypertensive and Wistar-Kyoto Rats, 1311
Elasticity
Brachial Artery Elastic Mechanics in Patients With Heart Failure, 1440
Chronic ACE Inhibition Enhances the Endothelial Control of Arterial Mechanics and Flow-Dependent Vasodilatation in Heart Failure, 1446
Endothelium-Derived Nitric Oxide Regulates Arterial Elasticity in Human Arteries In Vivo, 1049
Elastin gene polymorphism
Aging, Carotid Artery Distensibility, and the Ser422Gly Elastin Gene Polymorphism in Humans, 1185
Elderly
Stroke Prognosis and Abnormal Nocturnal Blood Pressure Falls in Older Hypertensives, 852
Enalapril
Effect of Angiotensin II Synthesis Blockade on the Hypertensive Response to Chronic Reductions in Uterine Perfusion Pressure in Pregnant Rats, 742
Enalapril Attenuates Oxidative Stress in Diabetic Rats, 1130
End-stage renal failure
Arterial Wave Reflections and Survival in End-Stage Renal Failure, 434
Endogenous
Plasma Ouabain-Like Factor During Acute and Chronic Changes in Sodium Balance in Essential Hypertension, 198
Endothelial dysfunction
Genetic and Environmental Determinants of Plasma Nitrogen Oxides and Risk of Ischemic Heart Disease, 1054
Endothelial function
Isolated Systolic Hypertension in Elderly WKY Is Reversed With L-Arginine and ACE Inhibition, 1422
Endothelin
Effect of Neutral Endopeptidase Inhibition on the Actions of Adrenomedullin and Endothelin-1 in Resistance Arteries From Patients With Chronic Heart Failure, 412
Localization of the Endothelin System in Aldosterone-Producing Adenomas, 1137
Ovarian Hormones Modulate Endothelin-1 Vascular Reactivity and mRNA Expression in DOCA-Salt Hypertensive Rats, 692
Pathophysiology of Hypertension During Preeclampsia Linking Placental Ischemia With Endothelial Dysfunction, 718
Endothelin-1
Chronic Thromboxane Synthase Inhibition Prevents Fructose-Induced Hypertension, 872

Endothelium
Age-Related Reduction of NO Availability and Oxidative Stress in Humans, 274
An Endothelium-Derived Hyperpolarizing Factor-Like Factor Moderates Myogenic Constriction of Mesenteric Resistance Arteries in the Absence of Endothelial Nitric Oxide Synthase-Derived Nitric Oxide, 833
Analysis of Cell-Specific Promoters for Viral Gene Therapy Targeted at the Vascular Endothelium, 65
Angiotensin II via Activation of Type 1 Receptor Upregulates Expression of Endoglin in Human Coronary Artery Endothelial Cells, 1062
Chronic ACE Inhibition Enhances the Endothelial Control of Arterial Mechanics and Flow-Dependent Vasodilatation in Heart Failure, 1446
Decreased Nitric Oxide Availability in Normotensive and Hypertensive Rats With Failing Hearts After Myocardial Infarction, 1367
Divergent Biological Actions of Coronary Endothelial Nitric Oxide During Progression of Cardiac Hypertrophy, 267
Effects of Race and Hypertension on Flow-Mediated and Nitroglycerin-Mediated Dilation of the Brachial Artery, 1349
Effects of the Reactive Oxygen Species Hydrogen Peroxide and Hypochlorite on Endothelial Nitric Oxide Production, 877
Endothelial Nitric Oxide Synthase Gene Polymorphism and Maternal Vascular Adaptation to Pregnancy, 1289
Flow Pulsatility Is a Critical Determinant of Oxidative Stress in Endothelial Cells, 1162
Genetic and Environmental Determinants of Plasma Nitrogen Oxides and Risk of Ischemic Heart Disease, 1054
Heart Failure, Redox Alterations, and Endothelial Dysfunction, 1400
High-Salt Diet Enhances Vascular Reactivity in Pregnant Rats With Normal and Reduced Uterine Perfusion Pressure, 730
Impairment of Renal Vasodilation With L-Arginine Is Related to More Severe Disease in Untreated Hypertensive Patients, 907
Nonendothelial NO Blunts Sympathetic Response of Normotensive Rats but not of SHR, 565
Physiological and Pathophysiological Functions of the AT_2 Subtype Receptor of Angiotensin II: From Large Arteries to the Microcirculation, 1150
Pulse Pressure, Endothelium Function, and Arterial Stiffness in Spontaneously Hypertensive Rats, 1416
Radial Artery Flow-Mediated Dilatation in Heart Failure Patients: Effects of Pharmacological and Nonpharmacological Treatment, 1451
Renin Uptake by the Endothelium Mediates Vascular Angiotensin Formation, 243
Wine Polyphenols Decrease Blood Pressure, Improve NO Vasodilatation, and Induce Gene Expression, 159

Endothelium-derived factors
Cyclic Stretch Enhances the Expression and Activity of Coronary Endothelium-Derived Hyperpolarizing Factor Synthase, 1427
Endothelial Apoptosis Induced by Oxidative Stress Through Activation of NF-κB: Antiapoptotic Effect of Antioxidant Agents on Endothelial Cells, 48
Heart Failure, Redox Alterations, and Endothelial Dysfunction, 1400

Endothelium-derived relaxing factor
Endothelium-Derived Nitric Oxide Regulates Arterial Elasticity in Human Arteries In Vivo, 1049

Epidemiology
High-Meat, Low-Carbohydrate Diet in Pregnancy: Relation to Adult Blood Pressure in the Offspring, 1282
Predictors of Uncontrolled Hypertension in Ambulatory Patients, 809
Pulse Pressure Compared With Other Blood Pressure Indexes in the Prediction of 25-Year Cardiovascular and All-Cause Mortality Rates: The Chicago Heart Association Detection Project in Industry Study, 232
Pulse Pressure, Arterial Stiffness, and Drug Treatment of Hypertension, 914
Thyrotropin-Releasing Hormone Receptor (TRHR) Gene Is Associated With Essential Hypertension, 683

Epidermal growth factor receptor
Angiotensin II Type 2 Receptor Inhibits Epidermal Growth Factor Receptor Transactivation by Increasing Association of SHP-1 Tyrosine Phosphatase, 367

Epistasis
Interaction of α_1-Na,K-ATPase and Na,K,2Cl-Cotransporter Genes in Human Essential Hypertension, 204

Estrogen
Acute Gender-Specific Hemodynamic and Inotropic Effects of 17β-Estradiol on Rats, 1003
Low-Dose Estrogen Supplementation Improves Vascular Function in Hypogonadal Men, 1011
Ovarian Hormones Modulate Endothelin-1 Vascular Reactivity and mRNA Expression in DOCA-Salt Hypertensive Rats, 692

Exercise
Aerobic Exercise Training Does Not Modify Large-Artery Compliance in Isolated Systolic Hypertension, 222
Genomic Scan for Exercise Blood Pressure in the Health, Risk Factors, Exercise Training and Genetics (HERITAGE) Family Study, 30
Peaks and Valleys, 38
Radial Artery Flow-Mediated Dilatation in Heart Failure Patients: Effects of Pharmacological and Nonpharmacological Treatment, 1451

Extracellular matrix
Treatment of Congestive Heart Failure: Interfering the Aldosterone-Cardiac Extracellular Matrix Relationship, 1227

F

Fatty acids
Can Perinatal Supplementation of Long-Chain Polyunsaturated Fatty Acids Prevent Hypertension in Adult Life? e6
Lipids Stimulate the Production of 6-keto-prostaglandin $F_{1\alpha}$ in Human Dorsal Hand Veins, 858

Fibrinogen
Fibrinogen and Preclinical Echocardiographic Target Organ Damage: The Strong Heart Study, 1068
Genes Encoding Fibrinogen and Cardiovascular Risk, 1199

Fibroblasts
Nitric Oxide Attenuates the Expression of Transforming Growth Factor-β_3 mRNA in Rat Cardiac Fibroblasts via Destabilization, 261

Fibrosis
Angiotensin II and Renal Fibrosis, 635
Cardioreparation in Hypertensive Heart Disease, 588
Hyperhomocysteinemia in Liver Cirrhosis: Mechanisms and Role in Vascular and Hepatic Fibrosis, 1217
Role of the Renin-Angiotensin System in Vascular Diseases: Expanding the Field, 1382
Vascular Remodeling in Hypertension: Roles of Apoptosis, Inflammation, and Fibrosis, 581

Flow-mediated
Chronic ACE Inhibition Enhances the Endothelial Control of Arterial Mechanics and Flow-Dependent Vasodilatation in Heart Failure, 1446

Flow-mediated dilation
Radial Artery Flow-Mediated Dilatation in Heart Failure Patients: Effects of Pharmacological and Nonpharmacological Treatment, 1451

Fluorodopamine
6-[^{18}F]Fluorodopamine Positron Emission Tomographic (PET) Scanning for Diagnostic Localization of Pheochromocytoma, 6

Forearm blood flow
Effects of Angiotensin-(1-7) on Forearm Circulation in Normotensive Subjects and Patients With Essential Hypertension, 90

Free radicals
Antioxidants Block Angiotensin II-Induced Increases in Blood Pressure and Endothelin, 655
Flow Pulsatility Is a Critical Determinant of Oxidative Stress in Endothelial Cells, 1162
Heart Failure, Redox Alterations, and Endothelial Dysfunction, 1400
Oxidative Stress in Arterial Hypertension: Role of NAD(P)H Oxidase, 1395

Fructose
Chronic Thromboxane Synthase Inhibition Prevents Fructose-Induced Hypertension, 872

G

G proteins
Enhanced Interaction Between Renovascular α_2-Adrenoceptors and Angiotensin II Receptors in Genetic Hypertension, 353
Cardiac βARK1 Upregulation Induced by Chronic Salt Deprivation in Rats, 255

Gender
Adrenal Response to Angiotensin II in Black Hypertension: Lack of Sexual Dimorphism, 373
Gender Differences in Associations of Diurnal Blood Pressure Variation, Awake Physical Activity, and Sleep Quality With Negative Affect: The Work Site Blood Pressure Study, 997
Hypertension After Neonatal Uninephrectomy in Rats Precedes Glomerular Damage, 337
Link of Nonhemodynamic Factors to Hemodynamic Determinants of Left Ventricular Hypertrophy, 13

Gene-environment interactions
Genes Encoding Fibrinogen and Cardiovascular Risk, 1199

Gene expression
Cyclic Strain Increases Protease-Activated Receptor-1 Expression in Vascular Smooth Muscle Cells, 1038
Hyperhomocysteinemia in Liver Cirrhosis: Mechanisms and Role in Vascular and Hepatic Fibrosis, 1217
Linkage of Left Ventricular Contractility to Chromosome 11 in Humans: The HyperGEN Study, 767
Role of the B_2 Receptor of Bradykinin in Insulin Sensitivity, 1355

Gene regulation
Flow Pulsatility Is a Critical Determinant of Oxidative Stress in Endothelial Cells, 1162

Gene therapy
Analysis of Cell-Specific Promoters for Viral Gene Therapy Targeted at the Vascular Endothelium:, 65

Gene transfer
Human Heme Oxygenase-1 Gene Transfer Lowers Blood Pressure and Promotes Growth in Spontaneously Hypertensive Rats, 210

Genes
Carotid and Femoral Artery Stiffness in Relation to Three Candidate Genes in a White Population, 1190
Effects of Antisense Oligodeoxynucleotide Targeting of the α_{2B}-Adrenergic Receptor Messenger RNA in the Central Nervous System, 1075
Expression Analysis Using Oligonucleotide Microarrays in Mice Lacking Bradykinin Type 2 Receptors, e1
Gene Therapy for Hypertension: The Preclinical Data, 543
Genetic Dissection of Region Around the Sa Gene on Rat Chromosome 1: Evidence for Multiple Loci Affecting Blood Pressure, 216
Genomic Scan for Exercise Blood Pressure in the Health, Risk Factors, Exercise Training and Genetics (HERITAGE) Family Study, 30
Inhibition of Baroreflex by Angiotensin II via Fos Expression in Nucleus Tractus Solitarii of the Rat, 130
Interaction of α_1-Na,K-ATPase and Na,K,2Cl-Cotransporter Genes in Human Essential Hypertension, 204
Linkage of Left Ventricular Contractility to Chromosome 11 in Humans: The HyperGEN Study, 767
Molecular Basis of Salt Sensitivity in Human Hypertension: Evaluation of Renin-Angiotensin-Aldosterone System Gene Polymorphisms, 1204
Overexpression of eNOS in the RVLM Causes Hypotension and Bradycardia Via GABA Release, 896
Peaks and Valleys, 38
Rescue of Impaired Angiogenesis in Spontaneously Hypertensive Rats by Intramuscular Human Tissue Kallikrein Gene Transfer, 136
Thyrotropin-Releasing Hormone Receptor (TRHR) Gene Is Associated With Essential Hypertension, 683

Genetic susceptibility
Lipoprotein Lipase Gene Mutations and the Genetic Susceptibility of Preeclampsia, 992

Genetics
Angiotensinogen Polymorphism M235T, Carotid Atherosclerosis, and Small-Vessel Disease-Related Cerebral Abnormalities, 110
Association of Sodium Channel γ-Subunit Promoter Variant With Blood Pressure, 86
Characterization of the Microglial Response to Cerebral Ischemia in the Stroke-Prone Spontaneously Hypertensive Rat, 116
Effect of a *COLIA1* Sp1 Binding Site Polymorphism on Arterial Pulse Wave Velocity: An Index of Compliance, 444
Endothelin-1 Gene Variant Associates With Blood Pressure in Obese Japanese Subjects: The Ohasama Study, 1321
Genetic Dissection of Region Around the Sa Gene on Rat Chromosome 1: Evidence for Multiple Loci Affecting Blood Pressure, 216

Genome scan
Genome Scan for Blood Pressure in Dutch Dyslipidemic Families Reveals Linkage to a Locus on Chromosome 4p, 773

Genotype
Link of Nonhemodynamic Factors to Hemodynamic Determinants of Left Ventricular Hypertrophy, 13

Glomerular filtration rate
Endothelin Mediates Some of the Renal Actions of Acutely Administered Angiotensin II, 105
Hypertension After Neonatal Uninephrectomy in Rats Precedes Glomerular Damage, 337
Predictors of Target Organ Damage in Hypertensive Blacks and Whites, 761

Glomerular structure
Apoptosis and Glomerular Injury After Prolonged Nitric Oxide Synthase Inhibition in Spontaneously Hypertensive Rats, 1300

Glomerulonephritis, IgA
Sodium Sensitivity of Blood Pressure Appearing Before Hypertension and Related to Histological Damage in Immunoglobulin A Nephropathy, 81

Glomerulosclerosis
Sodium Sensitivity of Blood Pressure Appearing Before Hypertension and Related to Histological Damage in Immunoglobulin A Nephropathy, 81

Glucocorticoids
Renal Cyclooxygenase-2: Evidence for Recruitment of Thick Ascending Limb of Henle Cells in Microdissected Nephron Segments, 630
Serum 18-Hydroxycortisol in Primary Aldosteronism, Hypertension, and Normotensives, 688

Glucose
Altered Cellular Magnesium Responsiveness to Hyperglycemia in Hypertensive Subjects, 612
Central Human Cocaine- and Amphetamine-Regulated Transcript Peptide 55-102 Increases Arterial Pressure in Conscious Rabbits, 1096
Selective Angiotensin II Receptor Antagonism Reduces Insulin Resistance in Obese Zucker Rats, 884

Glycyrrhetinic acid
In Vivo 11β-HSD-2 Activity: Variability, Salt-Sensitivity, and Effect of Licorice, 1330

Growth
Human Heme Oxygenase-1 Gene Transfer Lowers Blood Pressure and Promotes Growth in Spontaneously Hypertensive Rats, 210
Physiological and Pathophysiological Functions of the AT_2 Subtype Receptor of Angiotensin II: From Large Arteries to the Microcirculation, 1150

Growth factors
Link of Nonhemodynamic Factors to Hemodynamic Determinants of Left Ventricular Hypertrophy, 13

Growth substances
Gangliosides GM1 and GM2 Induce Vascular Smooth Muscle Cell Proliferation via Extracellular Signal-Regulated Kinase 1/2 Pathway, 1030

H

Heart
Angiotensin-(1-7): Cardioprotective Effect in Myocardial Ischemia/Reperfusion, 665
Cardiac βARK1 Upregulation Induced by Chronic Salt Deprivation in Rats, 255

Heart failure
Attenuation of Cardiac Failure, Dilatation, Damage, and Detrimental Interstitial Remodeling Without Regression of Hypertrophy in Hypertensive Rats, 846
Baroreflex Sensitivity and Oxidative Stress in Adriamycin-Induced Heart Failure, 576

Brachial Artery Elastic Mechanics in Patients With Heart Failure, 1440
Decreased Nitric Oxide Availability in Normotensive and Hypertensive Rats With Failing Hearts After Myocardial Infarction, 1367
Effect of Neutral Endopeptidase Inhibition on the Actions of Adrenomedullin and Endothelin-1 in Resistance Arteries From Patients With Chronic Heart Failure, 412
Effects of Chronic Clonidine Administration on Sympathetic Nerve Traffic and Baroreflex Function in Heart Failure, 286
Endogenous Natriuretic Peptides Participate in Renal and Humoral Actions of Acute Vasopeptidase Inhibition in Experimental Mild Heart Failure, 187
Heart Failure, Redox Alterations, and Endothelial Dysfunction, 1400
Pulsatile Hemodynamics in Congestive Heart Failure, 1433
Radial Artery Flow-Mediated Dilatation in Heart Failure Patients: Effects of Pharmacological and Nonpharmacological Treatment, 1451
Regeneration of the Myocardium: A New Role in the Treatment of Ischemic Heart Disease? 1413
Treatment of Congestive Heart Failure: Interfering the Aldosterone-Cardiac Extracellular Matrix Relationship, 1227

Heart rate
Centrally Mediated Effects of Bromocriptine on Cardiac Sympathovagal Balance, 123
Chronic AT_1 Receptor Blockade Alters Autonomic Balance and Sympathetic Responses in Hypertension, 569
Contribution of Nitric Oxide to Arterial Pressure and Heart Rate Variability in Rats Submitted to High-Sodium Intake, 326
Heart Rate, Arterial Stiffness, and Wave Reflections in Paced Patients, 949
Long-Lasting Cardiovascular Effects of Liposome-Entrapped Angiotensin-(1-7) at the Rostral Ventrolateral Medulla, 1266
Negative Inotropic and Chronotropic Effects of Oxytocin, 292
Predictable Blood Pressure Variability in Healthy and Complicated Pregnancies, 736
Time-Qualified Reference Values for Ambulatory Blood Pressure Monitoring in Pregnancy, 746

Heat shock proteins
Angiotensin AT_1 Receptor Stimulates Heat Shock Protein 27 Phosphorylation In Vitro and In Vivo, 1260

Heme oxygenase-1
Human Heme Oxygenase-1 Gene Transfer Lowers Blood Pressure and Promotes Growth in Spontaneously Hypertensive Rats, 210

Hemodynamics
Acute Gender-Specific Hemodynamic and Inotropic Effects of 17β-Estradiol on Rats, 1003
Link of Nonhemodynamic Factors to Hemodynamic Determinants of Left Ventricular Hypertrophy, 13
Prospective Evaluation of a Method for Estimating Ascending Aortic Pressure From the Radial Artery Pressure Waveform, 932
Pulsatile Hemodynamics in Congestive Heart Failure, 1433
Studies in Hemodynamics and Hypertension, I

20-HETE
Modulation by 20-HETE of Phenylephrine-Induced Mesenteric Artery Contraction in Spontaneously Hypertensive and Wistar-Kyoto Rats, 1311
Genome Scan for Blood Pressure in Dutch Dyslipidemic Families Reveals Linkage to a Locus on Chromosome 4p, 773
Hemodynamic and Metabolic Profile in Offspring of Malignant Hypertensive Parents, 616

High blood pressure
Plasma Ouabain-Like Factor During Acute and Chronic Changes in Sodium Balance in Essential Hypertension, 198

Homeostasis
Cardioreparation in Hypertensive Heart Disease, 588
Role of the Medulla Oblongata in Hypertension, 549

Homocysteine
Hyperhomocysteinemia in Liver Cirrhosis: Mechanisms and Role in Vascular and Hepatic Fibrosis, 1217

Hormones
Participation of the Hypothalamus-Hypophysis Axis in the Sympathetic Activation of Human Obesity, 1316
Thyrotropin-Releasing Hormone Receptor (TRHR) Gene Is Associated With Essential Hypertension, 683

Hostility
Trajectory of Psychological Risk and Incident Hypertension in Middle-Aged Women, 798

Human
Effect of Salt Intake on Renal Excretion of Water in Humans, 317
Endothelium-Derived Nitric Oxide Regulates Arterial Elasticity in Human Arteries In Vivo, 1049
Pulse Pressure Changes With Six Classes of Antihypertensive Agents in a Randomized, Controlled Trial, 953

18-Hydroxycortisol
Serum 18-Hydroxycortisol in Primary Aldosteronism, Hypertension, and Normotensives, 688
Heritability Estimates of Obesity Measures in Siblings With and Without Hypertension, 41
Hypertension in an Anthropological and Evolutionary Paradigm, 19
Interaction of α_1-Na,K-ATPase and Na,K,2Cl-Cotransporter Genes in Human Essential Hypertension, 204
Microsatellite DNA Polymorphism of Human Adrenomedullin Gene in Normotensive Subjects and Patients With Essential Hypertension, 9
Neither the New Zealand Genetically Hypertensive Strain nor Dahl Salt-Sensitive Strain Has an A1079T Transversion in the α1 Isoform of the Na^+,K^+-ATPase Gene, 786
Oxidative Stress in Arterial Hypertension: Role of NAD(P)H Oxidase, 1395
Two Linked Blood Pressure Quantitative Trait Loci on Chromosome 10 Defined by Dahl Rat Congenic Strains, 779

11β-Hydroxysteroid dehydrogenase
In Vivo 11β-HSD-2 Activity: Variability, Salt-Sensitivity, and Effect of Licorice, 1330

Hyperglycemia
Altered Cellular Magnesium Responsiveness to Hyperglycemia in Hypertensive Subjects, 612

Hyperinsulinism
Role of the B_2 Receptor of Bradykinin in Insulin Sensitivity, 1355

Hyperlipidemia
Gene Therapy for Cardiovascular Disease: A Case for Cautious Optimism, 1210

Hypertension
Can Perinatal Supplementation of Long-Chain Polyunsaturated Fatty Acids Prevent Hypertension in Adult Life? e6
Effect of a *COL1A1* Sp1 Binding Site Polymorphism on Arterial Pulse Wave Velocity: An Index of Compliance, 444
Functional Correlates of Central Arterial Geometric Phenotypes, 1471
Human Heme Oxygenase-1 Gene Transfer Lowers Blood Pressure and Promotes Growth in Spontaneously Hypertensive Rats, 210
Hypertension in an Anthropological and Evolutionary Paradigm, 19
Left Ventricular Systolic Dysfunction in a Biracial Sample of Hypertensive Adults: The HyperGEN Study, 417
Predictors of Uncontrolled Hypertension in Ambulatory Patients, 809
Relation of Cellular Potassium to Other Mineral Ions in Hypertension and Diabetes, 709
Relationship Between Left Ventricular Diastolic Relaxation and Systolic Function in Hypertension: The Hypertension Genetic Epidemiology Network (HyperGEN) Study, 424
Sodium Sensitivity of Blood Pressure Appearing Before Hypertension and Related to Histological Damage in Immunoglobulin A Nephropathy, 81

Hypertension, 2K1C
Angiotensin II AT_{1A} Receptor Antisense Lowers Blood Pressure in Acute 2-Kidney, 1-Clip Hypertension, 674

Hypertension, arterial
ACE Inhibitors and Appearance of Renal Events in Hypertensive Nephrosclerosis, 645
Antioxidants Block Angiotensin II-Induced Increases in Blood Pressure and Endothelin, 655
Blood Pressure Control and Benefits of Antihypertensive Therapy: Does It Make a Difference Which Agents We Use? 537
Cardiomyocyte Apoptotic Cell Death in Arterial Hypertension: Mechanisms and Potential Management, 1406
Inverse Association Between Free Insulin-Like Growth Factor-1 and Isovolumic Relaxation in Arterial Systemic Hypertension, 840
Oxidative Stress in Arterial Hypertension: Role of NAD(P)H Oxidase, 1395

Prevalence and Therapeutic Control of Hypertension in 30 000 Subjects in the Workplace, 449
Hypertension, detection and control
Improved Hypertension Management and Control: Results From the Health Survey for England 1998, 827
Prevalence and Therapeutic Control of Hypertension in 30 000 Subjects in the Workplace, 449
Hypertension, endocrine
Localization of the Endothelin System in Aldosterone-Producing Adenomas, 1137
Hypertension, essential
Age-Related Reduction of NO Availability and Oxidative Stress in Humans, 274
Association of Sodium Channel γ-Subunit Promoter Variant With Blood Pressure, 86
Biochemical Assessment of Myocardial Fibrosis in Hypertensive Heart Disease, 1222
Birth Weight Influences Blood Pressure Values and Variability in Children and Adolescents, 389
Conventional Antihypertensive Drug Therapy Does Not Prevent the Increase of Pulse Pressure With Age, 958
Effects of Angiotensin-(1-7) on Forearm Circulation in Normotensive Subjects and Patients With Essential Hypertension, 90
Effects of Race and Hypertension on Flow-Mediated and Nitroglycerin-Mediated Dilation of the Brachial Artery, 1349
Endothelin-1 Gene Variant Associates With Blood Pressure in Obese Japanese Subjects: The Ohasama Study, 1321
Genome Scan for Blood Pressure in Dutch Dyslipidemic Families Reveals Linkage to a Locus on Chromosome 4p, 773
Heritability Estimates of Obesity Measures in Siblings With and Without Hypertension, 41
Hypertensive Nephrosclerosis as a Relevant Cause of Chronic Renal Failure, 171
Impaired Skin Capillary Recruitment in Essential Hypertension Is Caused by Both Functional and Structural Capillary Rarefaction, 238
Impairment of Renal Vasodilation With L-Arginine Is Related to More Severe Disease in Untreated Hypertensive Patients, 907
Importance of the Renin System for Determining Blood Pressure Fall With Acute Salt Restriction in Hypertensive and Normotensive Whites, 321
Interaction of α_1-Na,K-ATPase and Na,K,2Cl-Cotransporter Genes in Human Essential Hypertension, 204
Microsatellite DNA Polymorphism of Human Adrenomedullin Gene in Normotensive Subjects and Patients With Essential Hypertension, 9
Possible Involvement of Rho-Kinase in the Pathogenesis of Hypertension in Humans, 1307
Src Is an Important Mediator of Extracellular Signal-Regulated Kinase 1/2-Dependent Growth Signaling by Angiotensin II in Smooth Muscle Cells From Resistance Arteries of Hypertensive Patients, 56
Thyrotropin-Releasing Hormone Receptor (TRHR) Gene Is Associated With Essential Hypertension, 683
Hypertension, experimental
Cardiovascular Neural Reflexes in L-NAME-Induced Hypertension in Mice, 555
Chronic AT_1 Receptor Blockade Alters Autonomic Balance and Sympathetic Responses in Hypertension, 569
Genetic Dissection of Region Around the Sa Gene on Rat Chromosome 1: Evidence for Multiple Loci Affecting Blood Pressure, 216
Mechanical Strength of the Isolated Carotid Artery in SHR, 1167
Omapatrilat in Subtotal Nephrectomy-Salt Hypertension: Role of Calcitonin Gene-Related Peptide, 697
Role of the Medulla Oblongata in Hypertension, 549
Hypertension, genetic
Enhanced Interaction Between Renovascular α_2-Adrenoceptors and Angiotensin II Receptors in Genetic Hypertension, 353
Linkage of Left Ventricular Contractility to Chromosome 11 in Humans: The HyperGEN Study, 767
Role of Calcitonin Gene-Related Peptide and Substance P in Dahl-Salt Hypertension, 679
Transepithelial Sodium Absorption Is Increased in People of African Origin, 76
Hypertension, gestational
Study of Plasma Factors Associated With Neutrophil Activation and Lipid Peroxidation in Preeclampsia, 803
Hypertension, isolated systolic
Aerobic Exercise Training Does Not Modify Large-Artery Compliance in Isolated Systolic Hypertension, 222
Hypertension, malignant
Antioxidant Effects of Vitamins C and E Are Associated With Altered Activation of Vascular NADPH Oxidase and Superoxide Dismutase in Stroke-Prone SHR, 606
Hemodynamic and Metabolic Profile in Offspring of Malignant Hypertensive Parents, 616
Hypertension, mineralocorticoid
NADH/NADPH Oxidase and Enhanced Superoxide Production in the Mineralocorticoid Hypertensive Rat, 1107
Serum 18-Hydroxycortisol in Primary Aldosteronism, Hypertension, and Normotensives, 688
Hypertension, nonmodulating
Angiotensinogen Gene Core Promoter Variants and Non-Modulating Hypertension, 1250
Hypertension, pregnancy
Effect of Angiotensin II Synthesis Blockade on the Hypertensive Response to Chronic Reductions in Uterine Perfusion Pressure in Pregnant Rats, 742
Evaluation of the Blood Pressure Load in the Diagnosis of Hypertension in Pregnancy, 723
Hypertension, pregnancy induced
Predictable Blood Pressure Variability in Healthy and Complicated Pregnancies, 736
Hypertension, renal
Adrenal Response to Angiotensin II in Black Hypertension: Lack of Sexual Dimorphism, 373
Elevated Uric Acid Increases Blood Pressure in the Rat by a Novel Crystal-Independent Mechanism, 1101
Hypertension, renovascular
Ca^{2+} Influx is Increased in 2-Kidney, 1-Clip Hypertensive Rat Aorta, 592
Prostaglandin I_2/E_2 Ratios in Unilateral Renovascular Hypertension of Different Severities, 23
Hypertension, salt-sensitive
In Vivo 11β-HSD-2 Activity: Variability, Salt-Sensitivity, and Effect of Licorice, 1330
Hypertension, sodium dependent
Effects of Antisense Oligodeoxynucleotide Targeting of the α_{2B}-Adrenergic Receptor Messenger RNA in the Central Nervous System, 1075
Enhanced Affective Startle Modulation in Salt-Sensitive Subjects, 1325
Hypertension, systolic, isolated
DASH (Dietary Approaches to Stop Hypertension) Diet Is Effective Treatment for Stage 1 Isolated Systolic Hypertension, 155
Hypertension, white coat
Heart Rate, Arterial Stiffness, and Wave Reflections in Paced Patients, 949
Hypertrophy
Angiotensin II Type 2 Receptors and Cardiac Hypertrophy in Women With Hypertrophic Cardiomyopathy, 1278
Cardiac and Vascular Remodeling in Older Adults with Borderline Isolated Systolic Hypertension: The ICARe Dicomano Study, 1372
Cardioreparation in Hypertensive Heart Disease, 588
Divergent Biological Actions of Coronary Endothelial Nitric Oxide During Progression of Cardiac Hypertrophy, 267
Fibrinogen and Preclinical Echocardiographic Target Organ Damage: The Strong Heart Study, 1068
Link of Nonhemodynamic Factors to Hemodynamic Determinants of Left Ventricular Hypertrophy, 13
Physiological and Pathophysiological Functions of the AT_2 Subtype Receptor of Angiotensin II: From Large Arteries to the Microcirculation, 1150
Predictors of Target Organ Damage in Hypertensive Blacks and Whites, 761

Hypertrophy, cardiac
Attenuation of Cardiac Failure, Dilatation, Damage, and Detrimental Interstitial Remodeling Without Regression of Hypertrophy in Hypertensive Rats, 846
Hypertrophy, left ventricular
One-Year Study of Felodipine or Placebo for Stage 1 Isolated Systolic Hypertension, 1118
Hypogonadism
Low-Dose Estrogen Supplementation Improves Vascular Function in Hypogonadal Men, 1011
Hypothalamus
Participation of the Hypothalamus-Hypophysis Axis in the Sympathetic Activation of Human Obesity, 1316
Hypoxia
Endothelial Apoptosis Induced by Oxidative Stress Through Activation of NF-κB: Antiapoptotic Effect of Antioxidant Agents on Endothelial Cells, 48

I

Immunohistochemistry
Localization of the Endothelin System in Aldosterone-Producing Adenomas, 1137
Renal Cyclooxygenase-2: Evidence for Recruitment of Thick Ascending Limb of Henle Cells in Microdissected Nephron Segments, 630
Inflammation
Blood Pressure and Inflammation in Apparently Healthy Men, 399
Effects of the Reactive Oxygen Species Hydrogen Peroxide and Hypochlorite on Endothelial Nitric Oxide Production, 877
Heart Failure, Redox Alterations, and Endothelial Dysfunction, 1400
Role of the Renin-Angiotensin System in Vascular Diseases: Expanding the Field, 1382
Study of Plasma Factors Associated With Neutrophil Activation and Lipid Peroxidation in Preeclampsia, 803
Vascular Remodeling in Hypertension: Roles of Apoptosis, Inflammation, and Fibrosis, 581
Inositol
Cyclic Stretch Enhances the Expression and Activity of Coronary Endothelium-Derived Hyperpolarizing Factor Synthase, 1427
Insulin
Chronic Thromboxane Synthase Inhibition Prevents Fructose-Induced Hypertension, 872
Insulin-Mimetic Action of Vanadate: Role of Intracellular Magnesium, 701
Role of the B_2 Receptor of Bradykinin in Insulin Sensitivity, 1355
Insulin growth factor
Inverse Association Between Free Insulin-Like Growth Factor-1 and Isovolumic Relaxation in Arterial Systemic Hypertension, 840
Insulin resistance
Aortic Stiffness Is Associated With Visceral Adiposity in Older Adults Enrolled in the Study of Health, Aging, and Body Composition, 429
Can Perinatal Supplementation of Long-Chain Polyunsaturated Fatty Acids Prevent Hypertension in Adult Life? e6
Candesartan Inhibits Carotid Intimal Thickening and Ameliorates Insulin Resistance in Balloon-Injured Diabetic Rats, 1255
Endothelin-1 Gene Variant Associates With Blood Pressure in Obese Japanese Subjects: The Ohasama Study, 1321
Predictors of Target Organ Damage in Hypertensive Blacks and Whites, 761
Integrin
Receptor-Based Differences in Human Aortic Smooth Muscle Cell Membrane Stiffness, 1158
Interleukins
Blood Pressure and Inflammation in Apparently Healthy Men, 399
Irbesartan
Selective Angiotensin II Receptor Antagonism Reduces Insulin Resistance in Obese Zucker Rats, 884
Iron
Iron Supplementation Inhibits Cough Associated With ACE Inhibitors, 166
Ischemia
Characterization of the Microglial Response to Cerebral Ischemia in the Stroke-Prone Spontaneously Hypertensive Rat, 116
Rescue of Impaired Angiogenesis in Spontaneously Hypertensive Rats by Intramuscular Human Tissue Kallikrein Gene Transfer, 136
Isolated systolic hypertension
Isolated Systolic Hypertension in Elderly WKY Is Reversed With L-Arginine and ACE Inhibition, 1422
Isoprostanes
Study of Plasma Factors Associated With Neutrophil Activation and Lipid Peroxidation in Preeclampsia, 803

J

Job strain
Perceived Job Stress but not Individual Cardiovascular Reactivity to Stress Is Related to Higher Blood Pressure at Work, 71

K

Kallikrein
Gene Therapy for Hypertension: The Preclinical Data, 543
Rescue of Impaired Angiogenesis in Spontaneously Hypertensive Rats by Intramuscular Human Tissue Kallikrein Gene Transfer, 136
Kidney
Adrenergic and Endothelin B Receptor-Dependent Hypertension in Dopamine Receptor Type-2 Knockout Mice, 303
Antioxidants Block Angiotensin II-Induced Increases in Blood Pressure and Endothelin, 655
Chronic Exposure to Vasopressin Upregulates ENaC and Sodium Transport in the Rat Renal Collecting Duct and Lung, 1143
Enhanced Interaction Between Renovascular α_2-Adrenoceptors and Angiotensin II Receptors in Genetic Hypertension, 353
Hypertension After Neonatal Uninephrectomy in Rats Precedes Glomerular Damage, 337
Hypertensive Nephrosclerosis as a Relevant Cause of Chronic Renal Failure, 171
Intrarenal Transport and Vasoactive Substances in Hypertension, 621
Pathophysiology of Hypertension During Preeclampsia Linking Placental Ischemia With Endothelial Dysfunction, 718
Prostaglandin I_2/E_2 Ratios in Unilateral Renovascular Hypertension of Different Severities, 23
Renal Cyclooxygenase-2: Evidence for Recruitment of Thick Ascending Limb of Henle Cells in Microdissected Nephron Segments, 630
Renal Interstitial cGMP Mediates Natriuresis by Direct Tubule Mechanism, 309
Role of Angiotensin II and Free Radicals in Blood Pressure Regulation in a Rat Model of Renal Hypertension, 361
Splenorenal Reflex Regulation of Arterial Pressure, 348
Kidney failure
Angiotensin II Type AT_2 Receptor mRNA Expression and Renal Vasodilatation Are Increased in Renal Failure, 669
Kinases
Cardiac βARK1 Upregulation Induced by Chronic Salt Deprivation in Rats, 255
Differential Subcellular Actions of ACE Inhibitors and AT_1 Receptor Antagonists on Cardiac Remodeling Induced by Chronic Inhibition of NO Synthesis in Rats, 404
Rho-Kinase Mediates Angiotensin II-Induced Monocyte Chemoattractant Protein-1 Expression in Rat Vascular Smooth Muscle Cells, 100
Kinins
Potentiation of Kinin Analogues by Ramiprilat Is Exclusively Related to Their Degradation, 142

L

L-Arginine
Impairment of Renal Vasodilation With L-Arginine Is Related to More Severe Disease in Untreated Hypertensive Patients, 907
Isolated Systolic Hypertension in Elderly WKY Is Reversed With L-Arginine and ACE Inhibition, 1422
L-NAME
Apoptosis and Glomerular Injury After Prolonged Nitric Oxide Synthase Inhibition in Spontaneously Hypertensive Rats, 1300
Cardiovascular Neural Reflexes in L-NAME-Induced Hypertension in Mice, 555

Large artery stiffness
Effects of Valsartan on Mechanical Properties of the Carotid Artery in Spontaneously Hypertensive Rats Under High-Salt Diet, 439
Leptin
Role of Corticotrophin-Releasing Factor in Effects of Leptin on Sympathetic Nerve Activity and Arterial Pressure, 384
Letters to the Editor
Adverse Cardiac Effects of Salt With Fludrocortisone in Hypertension: Letter to the editor, e25. Response to letter, e25
Diabetes, Hypertension, and Cardiovascular Disease: An Update: Letter to the editor, e11. Response to letter, e11
Do β-Blockers Put on Weight? Letter to the editor, e4. Response to letter, e4
Effect of Chronic Blockade of the Kallikrein-Kinin System on the Development of Hypertension in Rats: Letter to the editor, e21
Human Atrial Natriuretic Peptide Gene Delivery Reduces Blood Pressure in Hypertensive Rats: Letter to the editor, e37
Iron Supplementation in ACE Inhibition as a Treatment for Cough: Is it Really Inoffensive? Letter to the editor, e38. Response to letter, e38
Mislabelling of Donryu Rats: Letter to the editor, e9
Racial Differences in the Effectiveness of Nonpharmacologic Treatment of Hypertension: Letter to the editor, e24
Response to the Advisory Statement From the Council for High Blood Pressure Research of the American Heart Association Advocating Retention of Mercury Sphygmomanometers: Letter to the editor, e19. Response to letter, e19
Role of Kinins in Blood Pressure Regulation: Reality or Fiction: Letter to the editor, e21. Response to letter, e21
Sodium-Lithium Countertransport Activity Is Linked to Chromosome 5 in Baboons: Letter to the editor, e35. Response to letter, e36
Leukocytes
Chemokines and Leukocyte Activation in the Fetal Circulation During Preeclampsia, 394
Lifestyle
Pet Ownership, but Not ACE Inhibitor Therapy, Blunts Home Blood Pressure Responses to Mental Stress, 815
Linkage
Genomic Scan for Exercise Blood Pressure in the Health, Risk Factors, Exercise Training and Genetics (HERITAGE) Family Study, 30
Peaks and Valleys, 38
Linkage analysis
Genome Scan for Blood Pressure in Dutch Dyslipidemic Families Reveals Linkage to a Locus on Chromosome 4p, 773
Lipids
3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase Inhibitors Upregulate Inducible NO Synthase Expression and Activity in Vascular Smooth Muscle Cells, 1024
Gangliosides GM1 and GM2 Induce Vascular Smooth Muscle Cell Proliferation via Extracellular Signal-Regulated Kinase 1/2 Pathway, 1030
Lipoprotein lipase
Lipoprotein Lipase Gene Mutations and the Genetic Susceptibility of Preeclampsia, 992
Liposomes
Long-Lasting Cardiovascular Effects of Liposome-Entrapped Angiotensin-(1-7) at the Rostral Ventrolateral Medulla, 1266
Lipoxygenase
A Novel Form of Platelet-Type 12-Lipoxygenase mRNA in Human Vascular Smooth Muscle Cells, 864
Lisinopril
Omapatrilat Versus Lisinopril: Efficacy and Neurohormonal Profile in Salt-Sensitive Hypertensive Patients, 1342
Liver
Hyperhomocysteinemia in Liver Cirrhosis: Mechanisms and Role in Vascular and Hepatic Fibrosis, 1217
Losartan
Angiotensin Type 2 Receptor-Mediated Hypotension in Angiotensin Type-1 Receptor-Blocked Rats, 1272
Blockade of Angiotensin Receptor Subtypes in Arcuate Uterine Artery of Pregnant and Postpartum Rats, 1017
Chronic AT_1 Receptor Blockade Alters Autonomic Balance and Sympathetic Responses in Hypertension, 569
Role of Angiotensin II and Free Radicals in Blood Pressure Regulation in a Rat Model of Renal Hypertension, 361
Lung
Chronic Exposure to Vasopressin Upregulates ENaC and Sodium Transport in the Rat Renal Collecting Duct and Lung, 1143

M

Magnesium
Altered Cellular Magnesium Responsiveness to Hyperglycemia in Hypertensive Subjects, 612
Insulin-Mimetic Action of Vanadate: Role of Intracellular Magnesium, 701
Magnetic resonance spectroscopy
Altered Cellular Magnesium Responsiveness to Hyperglycemia in Hypertensive Subjects, 612
Relation of Cellular Potassium to Other Mineral Ions in Hypertension and Diabetes, 709
Membrane potentials
Transepithelial Sodium Absorption Is Increased in People of African Origin, 76
Membranes
Receptor-Based Differences in Human Aortic Smooth Muscle Cell Membrane Stiffness, 1158
Memorial
Vincent Louis DeQuattro, MD, FACP, FACC: 1933-2001, e27
Men
Low-Dose Estrogen Supplementation Improves Vascular Function in Hypogonadal Men, 1011
Mesangium
Downregulation of Angiotensin II Type 1 Receptors During Sepsis, 177
Mesenteric arteries
Enhanced Contraction to 5-Hydroxytryptamine Is Not Due to "Unmasking" of 5-Hydroxytryptamine$_{1B}$ Receptors in the Mesenteric Artery of the Deoxycorticosterone Acetate-Salt Rat, 891
Nonendothelial NO Blunts Sympathetic Response of Normotensive Rats but not of SHR, 565
Meta-analysis
Effects of Alcohol Reduction on Blood Pressure: A Meta-Analysis of Randomized Controlled Trials, 1112
Metabolism
Hemodynamic and Metabolic Profile in Offspring of Malignant Hypertensive Parents, 616
Role of Corticotrophin-Releasing Factor in Effects of Leptin on Sympathetic Nerve Activity and Arterial Pressure, 384
Ultrasonography for the Evaluation of Visceral Fat and Cardiovascular Risk, 713
Metanephrines
6-[^{18}F]Fluorodopamine Positron Emission Tomographic (PET) Scanning for Diagnostic Localization of Pheochromocytoma, 6
Methionine
Hyperhomocysteinemia in Liver Cirrhosis: Mechanisms and Role in Vascular and Hepatic Fibrosis, 1217
Methods
Office Blood Pressures, Arterial Compliance Characteristics, and Estimated Cardiac Load, 1467
Mibefradil
Effect of T-Type Selective Calcium Antagonist on Renal Microcirculation: Studies in the Isolated Perfused Hydronephrotic Kidney, 343
Mice
An Endothelium-Derived Hyperpolarizing Factor-Like Factor Moderates Myogenic Constriction of Mesenteric Resistance Arteries in the Absence of Endothelial Nitric Oxide Synthase-Derived Nitric Oxide, 833
Cardiovascular Neural Reflexes in L-NAME-Induced Hypertension in Mice, 555
Role of the B_2 Receptor of Bradykinin in Insulin Sensitivity, 1355
Microalbumin
Predictors of Target Organ Damage in Hypertensive Blacks and Whites, 761
Microalbuminuria
Perceived Job Stress but not Individual Cardiovascular Reactivity to Stress Is Related to Higher Blood Pressure at Work, 71

Microarray analysis
Expression Analysis Using Oligonucleotide Microarrays in Mice Lacking Bradykinin Type 2 Receptors, e1
Microcirculation
Impaired Skin Capillary Recruitment in Essential Hypertension Is Caused by Both Functional and Structural Capillary Rarefaction, 238
Microsatellite repeats
Microsatellite DNA Polymorphism of Human Adrenomedullin Gene in Normotensive Subjects and Patients With Essential Hypertension, 9
Microvessels
Structural Adaptation of Vascular Networks: Role of the Pressure Response, 1476
Mineralocorticoids
Arterial Epidermal Growth Factor Receptor Expression in Deoxycorticosterone Acetate-Salt Hypertension, 1337
Involvement of Brain Mineralocorticoid Receptor in Salt-Enhanced Hypertension in Spontaneously Hypertensive Rats, 902
Molecular Basis of Salt Sensitivity in Human Hypertension: Evaluation of Renin-Angiotensin-Aldosterone System Gene Polymorphisms, 1204
NADH/NADPH Oxidase and Enhanced Superoxide Production in the Mineralocorticoid Hypertensive Rat, 1107
Model simulation
Structural Adaptation of Vascular Networks: Role of the Pressure Response, 1476
Models, experimental
Genetic Dissection of Region Around the Sa Gene on Rat Chromosome 1: Evidence for Multiple Loci Affecting Blood Pressure, 216
Mortality
Arterial Calcifications, Arterial Stiffness, and Cardiovascular Risk in End-Stage Renal Disease, 938
Arterial Wave Reflections and Survival in End-Stage Renal Failure, 434
Cardiovascular Effects of an Earthquake: Direct Evidence by Ambulatory Blood Pressure Monitoring, 1093
Pulse Pressure Compared With Other Blood Pressure Indexes in the Prediction of 25-Year Cardiovascular and All-Cause Mortality Rates: The Chicago Heart Association Detection Project in Industry Study, 232
MRNA
Renin Uptake by the Endothelium Mediates Vascular Angiotensin Formation, 243
Muscle sympathetic nerve activity
Limited Effect of Systemic β-Blockade on Sympathetic Outflow, 1377
Muscle, skeletal
Selective Angiotensin II Receptor Antagonism Reduces Insulin Resistance in Obese Zucker Rats, 884
Muscle, smooth
Increased Expression of Peroxisome Proliferator-Activated Receptor-α and -γ in Blood Vessels of Spontaneously Hypertensive Rats, 249
Vascular Remodeling in Hypertension: Roles of Apoptosis, Inflammation, and Fibrosis, 581
Muscle, smooth, vascular
Angiotensin II Induces Phenotype-Dependent Apoptosis in Vascular Smooth Muscle Cells, 1294
Brachial Artery Elastic Mechanics in Patients With Heart Failure, 1440
Cyclic Strain Increases Protease-Activated Receptor-1 Expression in Vascular Smooth Muscle Cells, 1038
High-Salt Diet Enhances Vascular Reactivity in Pregnant Rats With Normal and Reduced Uterine Perfusion Pressure, 730
Hyperhomocysteinemia in Liver Cirrhosis: Mechanisms and Role in Vascular and Hepatic Fibrosis, 1217
Induction of B_1-Kinin Receptors in Vascular Smooth Muscle Cells: Cellular Mechanisms of MAP Kinase Activation, 602
Lipids Stimulate the Production of 6-keto-prostaglandin $F_{1\alpha}$ in Human Dorsal Hand Veins, 858
A Novel Form of Platelet-Type 12-Lipoxygenase mRNA in Human Vascular Smooth Muscle Cells, 864
Possible Involvement of Rho-Kinase in the Pathogenesis of Hypertension in Humans, 1307
Rho-Kinase Mediates Angiotensin II-Induced Monocyte Chemoattractant Protein-1 Expression in Rat Vascular Smooth Muscle Cells, 100
Muscles
Rescue of Impaired Angiogenesis in Spontaneously Hypertensive Rats by Intramuscular Human Tissue Kallikrein Gene Transfer, 136
Mutations
Lipoprotein Lipase Gene Mutations and the Genetic Susceptibility of Preeclampsia, 992
Neither the New Zealand Genetically Hypertensive Strain nor Dahl Salt-Sensitive Strain Has an A1079T Transversion in the α1 Isoform of the Na^+,K^+-ATPase Gene, 786
Myocardial collagen concentration
Isolated Systolic Hypertension in Elderly WKY Is Reversed With L-Arginine and ACE Inhibition, 1422
Myocardial infarction
Regeneration of the Myocardium: A New Role in the Treatment of Ischemic Heart Disease? 1413
Myocardium
Biochemical Assessment of Myocardial Fibrosis in Hypertensive Heart Disease, 1222
Cardioreparation in Hypertensive Heart Disease, 588
Linkage of Left Ventricular Contractility to Chromosome 11 in Humans: The HyperGEN Study, 767
Regeneration of the Myocardium: A New Role in the Treatment of Ischemic Heart Disease? 1413
Myocytes
Cardiomyocyte Apoptotic Cell Death in Arterial Hypertension: Mechanisms and Potential Management, 1406
Regeneration of the Myocardium: A New Role in the Treatment of Ischemic Heart Disease? 1413

N

Na^+-K^+-transporting ATPase
Adrenergic and Endothelin B Receptor-Dependent Hypertension in Dopamine Receptor Type-2 Knockout Mice, 303
Neither the New Zealand Genetically Hypertensive Strain nor Dahl Salt-Sensitive Strain Has an A1079T Transversion in the α1 Isoform of the Na^+,K^+-ATPase Gene, 786
NADH/NADPH
NADH/NADPH Oxidase and Enhanced Superoxide Production in the Mineralocorticoid Hypertensive Rat, 1107
Nasal mucosa
Transepithelial Sodium Absorption Is Increased in People of African Origin, 76
Natriuresis
Endothelin Mediates Some of the Renal Actions of Acutely Administered Angiotensin II, 105
Renal Interstitial cGMP Mediates Natriuresis by Direct Tubule Mechanism, 309
Natriuretic peptides
Endogenous Natriuretic Peptides Participate in Renal and Humoral Actions of Acute Vasopeptidase Inhibition in Experimental Mild Heart Failure, 187
Nephrectomy
Hyperkalemia, Renal Failure, and Converting-Enzyme Inhibition: An Overrated Connection, 639
Nephrosclerosis
ACE Inhibitors and Appearance of Renal Events in Hypertensive Nephrosclerosis, 645
Apoptosis and Glomerular Injury After Prolonged Nitric Oxide Synthase Inhibition in Spontaneously Hypertensive Rats, 1300
Hypertensive Nephrosclerosis as a Relevant Cause of Chronic Renal Failure, 171
Nervous system
Omapatrilat in Subtotal Nephrectomy-Salt Hypertension: Role of Calcitonin Gene-Related Peptide, 697
Nervous system, autonomic
Effects of Chronic Clonidine Administration on Sympathetic Nerve Traffic and Baroreflex Function in Heart Failure, 286
Nervous system, parasympathetic
Negative Inotropic and Chronotropic Effects of Oxytocin, 292

Nervous system, sympathetic
Effects of Chronic Clonidine Administration on Sympathetic Nerve Traffic and Baroreflex Function in Heart Failure, 286
Nervous system, sympathetic renal
Does Leptin Stimulate Nitric Oxide to Oppose the Effects of Sympathetic Activation? 1081
Neurons
Negative Inotropic and Chronotropic Effects of Oxytocin, 292
Neuropeptides
Omapatrilat in Subtotal Nephrectomy-Salt Hypertension: Role of Calcitonin Gene-Related Peptide, 697
Role of Calcitonin Gene-Related Peptide and Substance P in Dahl-Salt Hypertension, 679
Neutral endopeptidase
Angiotensin I-Converting Enzyme Modulates Neutral Endopeptidase Activity in the Rat, 650
Nitric oxide
Acute Gender-Specific Hemodynamic and Inotropic Effects of 17β-Estradiol on Rats, 1003
Age-Related Reduction of NO Availability and Oxidative Stress in Humans, 274
An Endothelium-Derived Hyperpolarizing Factor-Like Factor Moderates Myogenic Constriction of Mesenteric Resistance Arteries in the Absence of Endothelial Nitric Oxide Synthase-Derived Nitric Oxide, 833
Angiotensin-(1-7): Cardioprotective Effect in Myocardial Ischemia/Reperfusion, 665
Apoptosis and Glomerular Injury After Prolonged Nitric Oxide Synthase Inhibition in Spontaneously Hypertensive Rats, 1300
Contribution of Nitric Oxide to Arterial Pressure and Heart Rate Variability in Rats Submitted to High-Sodium Intake, 326
Decreased Nitric Oxide Availability in Normotensive and Hypertensive Rats With Failing Hearts After Myocardial Infarction, 1367
Divergent Biological Actions of Coronary Endothelial Nitric Oxide During Progression of Cardiac Hypertrophy, 267
Downregulation of Angiotensin II Type 1 Receptors During Sepsis, 177
Effects of Angiotensin-(1-7) on Forearm Circulation in Normotensive Subjects and Patients With Essential Hypertension, 90
Effects of the Reactive Oxygen Species Hydrogen Peroxide and Hypochlorite on Endothelial Nitric Oxide Production, 877
Elevated Uric Acid Increases Blood Pressure in the Rat by a Novel Crystal-Independent Mechanism, 1101
Genetic and Environmental Determinants of Plasma Nitrogen Oxides and Risk of Ischemic Heart Disease, 1054
High-Salt Diet Enhances Vascular Reactivity in Pregnant Rats With Normal and Reduced Uterine Perfusion Pressure, 730
Low-Dose Estrogen Supplementation Improves Vascular Function in Hypogonadal Men, 1011
Negative Inotropic and Chronotropic Effects of Oxytocin, 292
Nitric Oxide Attenuates the Expression of Transforming Growth Factor-β_1 mRNA in Rat Cardiac Fibroblasts via Destabilization, 261
Overexpression of eNOS in the RVLM Causes Hypotension and Bradycardia Via GABA Release, 896
Pathophysiology of Hypertension During Preeclampsia Linking Placental Ischemia With Endothelial Dysfunction, 718
Pulse Pressure, Endothelium Function, and Arterial Stiffness in Spontaneously Hypertensive Rats, 1416
Role of Angiotensin II and Free Radicals in Blood Pressure Regulation in a Rat Model of Renal Hypertension, 361
Role of nNOS in Regulation of Renal Function in Angiotensin II-Induced Hypertension, 280
Role of the Medulla Oblongata in Hypertension, 549
Splenorenal Reflex Regulation of Arterial Pressure, 348
Wine Polyphenols Decrease Blood Pressure, Improve NO Vasodilatation, and Induce Gene Expression, 159
Nitric oxide synthase
3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase Inhibitors Upregulate Inducible NO Synthase Expression and Activity in Vascular Smooth Muscle Cells, 1024
An Endothelium-Derived Hyperpolarizing Factor-Like Factor Moderates Myogenic Constriction of Mesenteric Resistance Arteries in the Absence of Endothelial Nitric Oxide Synthase-Derived Nitric Oxide, 833
Divergent Biological Actions of Coronary Endothelial Nitric Oxide During Progression of Cardiac Hypertrophy, 267
Endothelial Nitric Oxide Synthase Gene Polymorphism and Maternal Vascular Adaptation to Pregnancy, 1289
Nonendothelial NO Blunts Sympathetic Response of Normotensive Rats but not of SHR, 565
Role of nNOS in Regulation of Renal Function in Angiotensin II-Induced Hypertension, 280
Supplemention With Tetrahydrobiopterin Suppresses the Development of Hypertension in Spontaneously Hypertensive Rats, 1044
Nitroglycerin
Brachial Artery Elastic Mechanics in Patients With Heart Failure, 1440
Effects of Race and Hypertension on Flow-Mediated and Nitroglycerin-Mediated Dilation of the Brachial Artery, 1349
Prospective Evaluation of a Method for Estimating Ascending Aortic Pressure From the Radial Artery Pressure Waveform, 932
Nitrotyrosine
Role of Angiotensin II and Free Radicals in Blood Pressure Regulation in a Rat Model of Renal Hypertension, 361
Norepinephrine
Low-Dose Estrogen Supplementation Improves Vascular Function in Hypogonadal Men, 1011
Progress in Hypertension Research: 1900-2000, e13
Normotension
Enhanced Affective Startle Modulation in Salt-Sensitive Subjects, 1325
Importance of the Renin System for Determining Blood Pressure Fall With Acute Salt Restriction in Hypertensive and Normotensive Whites, 321
Nuclear magnetic resonance spectroscopy
Insulin-Mimetic Action of Vanadate: Role of Intracellular Magnesium, 701
Nucleus tractus solitarii
Inhibition of Baroreflex by Angiotensin II via Fos Expression in Nucleus Tractus Solitarii of the Rat, 130
Nutrition
High-Meat, Low-Carbohydrate Diet in Pregnancy: Relation to Adult Blood Pressure in the Offspring, 1282

O

Obesity
Does Leptin Stimulate Nitric Oxide to Oppose the Effects of Sympathetic Activation? 1081
Heritability Estimates of Obesity Measures in Siblings With and Without Hypertension, 41
Overweight and Sympathetic Overactivity in Black Americans, 379
Participation of the Hypothalamus-Hypophysis Axis in the Sympathetic Activation of Human Obesity, 1316
Treatment of Obesity Hypertension and Diabetes Syndrome, 705
Ultrasonography for the Evaluation of Visceral Fat and Cardiovascular Risk, 713
Occlusion
Characterization of the Microglial Response to Cerebral Ischemia in the Stroke-Prone Spontaneously Hypertensive Rat, 116
Oligonucleotides
Gene Therapy for Hypertension: The Preclinical Data, 543
Oligonucleotides, antisense AT_1-A receptors
Angiotensin II AT_{1A} Receptor Antisense Lowers Blood Pressure in Acute 2-Kidney, 1-Clip Hypertension, 674
Omapatrilat
Omapatrilat Versus Lisinopril: Efficacy and Neurohormonal Profile in Salt-Sensitive Hypertensive Patients, 1342
Oxidative stress
Age-Related Reduction of NO Availability and Oxidative Stress in Humans, 274
Antioxidants Block Angiotensin II-Induced Increases in Blood Pressure and Endothelin, 655
Baroreflex Sensitivity and Oxidative Stress in Adriamycin-Induced Heart Failure, 576
Cyclic Strain Increases Protease-Activated Receptor-1 Expression in Vascular Smooth Muscle Cells, 1038
Enalapril Attenuates Oxidative Stress in Diabetic Rats, 1130

Study of Plasma Factors Associated With Neutrophil Activation and Lipid Peroxidation in Preeclampsia, 803

P

Pacemaker
Heart Rate, Arterial Stiffness, and Wave Reflections in Paced Patients, 949
Peptides
Central Human Cocaine- and Amphetamine-Regulated Transcript Peptide 55-102 Increases Arterial Pressure in Conscious Rabbits, 1096
Chemokines and Leukocyte Activation in the Fetal Circulation During Preeclampsia, 394
Rho-Kinase Mediates Angiotensin II-Induced Monocyte Chemoattractant Protein-1 Expression in Rat Vascular Smooth Muscle Cells, 100
Perfusion
Renin Uptake by the Endothelium Mediates Vascular Angiotensin Formation, 243
Periodicity
Different Alcohol Drinking and Blood Pressure Relationships in France and Northern Ireland: The PRIME Study, 1361
Peripheral vascular diseases
Comparative Effects of Ramipril on Ambulatory and Office Blood Pressures: A HOPE Substudy, e28
Peroxynitrite
Supplemention With Tetrahydrobiopterin Suppresses the Development of Hypertension in Spontaneously Hypertensive Rats, 1044
Pets
Pet Ownership, but Not ACE Inhibitor Therapy, Blunts Home Blood Pressure Responses to Mental Stress, 815
Pheochromocytoma
6-[^{18}F]Fluorodopamine Positron Emission Tomographic (PET) Scanning for Diagnostic Localization of Pheochromocytoma, 6
Phosphorylation
Angiotensin AT_1 Receptor Stimulates Heat Shock Protein 27 Phosphorylation In Vitro and In Vivo, 1260
Gangliosides GM1 and GM2 Induce Vascular Smooth Muscle Cell Proliferation via Extracellular Signal-Regulated Kinase 1/2 Pathway, 1030
Plaque
Local Effects of Atherosclerotic Plaque on Arterial Distensibility, 1177
Polymerase chain reaction
Endothelin-1 Gene Variant Associates With Blood Pressure in Obese Japanese Subjects: The Ohasama Study, 1321
Neither the New Zealand Genetically Hypertensive Strain nor Dahl Salt-Sensitive Strain Has an A1079T Transversion in the α1 Isoform of the Na^+,K^+-ATPase Gene, 786
Polymorphisms
Angiotensin I-Converting Enzyme Modulates Neutral Endopeptidase Activity in the Rat, 650
Association of Sodium Channel γ-Subunit Promoter Variant With Blood Pressure, 86
Carotid and Femoral Artery Stiffness in Relation to Three Candidate Genes in a White Population, 1190
Effect of a *COL1A1* Sp1 Binding Site Polymorphism on Arterial Pulse Wave Velocity: An Index of Compliance, 444
Endothelin-1 Gene Variant Associates With Blood Pressure in Obese Japanese Subjects: The Ohasama Study, 1321
Genes Encoding Fibrinogen and Cardiovascular Risk, 1199
Genetic and Environmental Determinants of Plasma Nitrogen Oxides and Risk of Ischemic Heart Disease, 1054
Microsatellite DNA Polymorphism of Human Adrenomedullin Gene in Normotensive Subjects and Patients With Essential Hypertension, 9
Molecular Basis of Salt Sensitivity in Human Hypertension: Evaluation of Renin-Angiotensin-Aldosterone System Gene Polymorphisms, 1204
Population
Carotid and Femoral Artery Stiffness in Relation to Three Candidate Genes in a White Population, 1190
Improved Hypertension Management and Control: Results From the Health Survey for England 1998, 827
Positron emission tomography
6-[^{18}F]Fluorodopamine Positron Emission Tomographic (PET) Scanning for Diagnostic Localization of Pheochromocytoma, 6
Potassium
Adrenal Response to Angiotensin II in Black Hypertension: Lack of Sexual Dimorphism, 373
Hyperkalemia, Renal Failure, and Converting-Enzyme Inhibition: An Overrated Connection, 639
Relation of Cellular Potassium to Other Mineral Ions in Hypertension and Diabetes, 709
PPAR
Increased Expression of Peroxisome Proliferator-Activated Receptor-α and -γ in Blood Vessels of Spontaneously Hypertensive Rats, 249
Preeclampsia
Chemokines and Leukocyte Activation in the Fetal Circulation During Preeclampsia, 394
Effect of Angiotensin II Synthesis Blockade on the Hypertensive Response to Chronic Reductions in Uterine Perfusion Pressure in Pregnant Rats, 742
Evaluation of the Blood Pressure Load in the Diagnosis of Hypertension in Pregnancy, 723
Lipoprotein Lipase Gene Mutations and the Genetic Susceptibility of Preeclampsia, 992
Predictable Blood Pressure Variability in Healthy and Complicated Pregnancies, 736
Study of Plasma Factors Associated With Neutrophil Activation and Lipid Peroxidation in Preeclampsia, 803
Pregnancy
Blockade of Angiotensin Receptor Subtypes in Arcuate Uterine Artery of Pregnant and Postpartum Rats, 1017
Endothelial Nitric Oxide Synthase Gene Polymorphism and Maternal Vascular Adaptation to Pregnancy, 1289
Evaluation of the Blood Pressure Load in the Diagnosis of Hypertension in Pregnancy, 723
High-Meat, Low-Carbohydrate Diet in Pregnancy: Relation to Adult Blood Pressure in the Offspring, 1282
Influence of Parity and Age on Ambulatory Monitored Blood Pressure During Pregnancy, 753
Pathophysiology of Hypertension During Preeclampsia Linking Placental Ischemia With Endothelial Dysfunction, 718
Predictable Blood Pressure Variability in Healthy and Complicated Pregnancies, 736
Study of Plasma Factors Associated With Neutrophil Activation and Lipid Peroxidation in Preeclampsia, 803
Time-Qualified Reference Values for Ambulatory Blood Pressure Monitoring in Pregnancy, 746
Pressure
Structural Adaptation of Vascular Networks: Role of the Pressure Response, 1476
Pressure overload
Divergent Biological Actions of Coronary Endothelial Nitric Oxide During Progression of Cardiac Hypertrophy, 267
Promoter
Analysis of Cell-Specific Promoters for Viral Gene Therapy Targeted at the Vascular Endothelium, 65
Prostaglandins
Angiotensin-(1-7): Cardioprotective Effect in Myocardial Ischemia/Reperfusion, 665
Lipids Stimulate the Production of 6-keto-prostaglandin $F_{1\alpha}$ in Human Dorsal Hand Veins, 858
Nonendothelial NO Blunts Sympathetic Response of Normotensive Rats but not of SHR, 565
Prostaglandin I_2/E_2 Ratios in Unilateral Renovascular Hypertension of Different Severities, 23
Renal Cyclooxygenase-2: Evidence for Recruitment of Thick Ascending Limb of Henle Cells in Microdissected Nephron Segments, 630
Protein kinases
Angiotensin AT_1 Receptor Stimulates Heat Shock Protein 27 Phosphorylation In Vitro and In Vivo, 1260
Angiotensin II via Activation of Type 1 Receptor Upregulates Expression of Endoglin in Human Coronary Artery Endothelial Cells, 1062

Cyclic Strain Increases Protease-Activated Receptor-1 Expression in Vascular Smooth Muscle Cells, 1038
Cyclic Stretch Enhances the Expression and Activity of Coronary Endothelium-Derived Hyperpolarizing Factor Synthase, 1427
Differential Role of Kinases in Brain Stem of Hypertensive and Normotensive Rats, 1087
Gangliosides GM1 and GM2 Induce Vascular Smooth Muscle Cell Proliferation via Extracellular Signal-Regulated Kinase 1/2 Pathway, 1030
Induction of B_1-Kinin Receptors in Vascular Smooth Muscle Cells: Cellular Mechanisms of MAP Kinase Activation, 602
Renal Interstitial cGMP Mediates Natriuresis by Direct Tubule Mechanism, 309

Proteinuria
Angiotensin II and Renal Fibrosis, 635
Study of Plasma Factors Associated With Neutrophil Activation and Lipid Peroxidation in Preeclampsia, 803

Proteoglycans
Compressibility of the Carotid Artery in Patients With Pseudoxanthoma Elasticum, 1181
Sodium Intake, Large Artery Stiffness, and Proteoglycans in the Spontaneously Hypertensive Rat, 1172

Pulse
Cardiovascular Risk Assessment Using Pulse Pressure in the First National Health and Nutrition Examination Survey (NHANES I), 793
Carotid Pressure Is a Better Predictor of Coronary Artery Disease Severity Than Brachial Pressure, 927
Conventional Antihypertensive Drug Therapy Does Not Prevent the Increase of Pulse Pressure With Age, 958

Pulse pressure
Improvement in Blood Pressure, Arterial Stiffness and Wave Reflections With a Very-Low-Dose Perindopril/Indapamide Combination in Hypertensive Patient: A Comparison With Atenolol, 922
Pulsatile Hemodynamics in Congestive Heart Failure, 1433
Pulse Pressure Changes With Six Classes of Antihypertensive Agents in a Randomized, Controlled Trial, 953
Pulse Pressure, Arterial Stiffness, and Drug Treatment of Hypertension, 914

Pulse wave analysis
Pressure Amplification Explains Why Pulse Pressure Is Unrelated to Risk in Young Subjects, 1461

Pulse wave velocity
Acute Effect of Caffeine on Arterial Stiffness and Aortic Pressure Waveform, 227
Aortic Stiffness Is Associated With Visceral Adiposity in Older Adults Enrolled in the Study of Health, Aging, and Body Composition, 429
Improvement in Blood Pressure, Arterial Stiffness and Wave Reflections With a Very-Low-Dose Perindopril/Indapamide Combination in Hypertensive Patient: A Comparison With Atenolol, 922

Q

Quality of life
One-Year Study of Felodipine or Placebo for Stage 1 Isolated Systolic Hypertension, 1118

R

Rabbits
Potentiation of Kinin Analogues by Ramiprilat Is Exclusively Related to Their Degradation, 142

Race
Adrenal Response to Angiotensin II in Black Hypertension: Lack of Sexual Dimorphism, 373
Carotid and Femoral Artery Stiffness in Relation to Three Candidate Genes in a White Population, 1190
Effects of Race and Hypertension on Flow-Mediated and Nitroglycerin-Mediated Dilation of the Brachial Artery, 1349
Linkage of Left Ventricular Contractility to Chromosome 11 in Humans: The HyperGEN Study, 767
Predictors of Target Organ Damage in Hypertensive Blacks and Whites, 761

Radioimmunoassay
Role of Calcitonin Gene-Related Peptide and Substance P in Dahl-Salt Hypertension, 679

Ramipril
Comparative Effects of Ramipril on Ambulatory and Office Blood Pressures: A HOPE Substudy, e28

Rats
Angiotensin-Converting Enzyme Inhibition Potentiates Angiotensin II Type 1 Receptor Effects on Renal Bradykinin and cGMP, 183
Baroreflex Sensitivity and Oxidative Stress in Adriamycin-Induced Heart Failure, 576
Ca^{2+} Influx is Increased in 2-Kidney, 1-Clip Hypertensive Rat Aorta, 592
Candesartan Inhibits Carotid Intimal Thickening and Ameliorates Insulin Resistance in Balloon-Injured Diabetic Rats, 1255
Cardiac βARK1 Upregulation Induced by Chronic Salt Deprivation in Rats, 255
Chronic AT_1 Receptor Blockade Alters Autonomic Balance and Sympathetic Responses in Hypertension, 569
Endothelin Mediates Some of the Renal Actions of Acutely Administered Angiotensin II, 105
Renal Blood Flow Dynamics and Arterial Pressure Lability in the Conscious Rat, 147
Renal Cyclooxygenase-2: Evidence for Recruitment of Thick Ascending Limb of Henle Cells in Microdissected Nephron Segments, 630
Role of Calcitonin Gene-Related Peptide and Substance P in Dahl-Salt Hypertension, 679

Rats, Dahl
Intrarenal Transport and Vasoactive Substances in Hypertension, 621

Rats, inbred SHR
Differential Role of Kinases in Brain Stem of Hypertensive and Normotensive Rats, 1087
Genetic Dissection of Region Around the Sa Gene on Rat Chromosome 1: Evidence for Multiple Loci Affecting Blood Pressure, 216
Intrarenal Transport and Vasoactive Substances in Hypertension, 621
Involvement of Brain Mineralocorticoid Receptor in Salt-Enhanced Hypertension in Spontaneously Hypertensive Rats, 902
Nonendothelial NO Blunts Sympathetic Response of Normotensive Rats but not of SHR, 565
Pulse Pressure, Endothelium Function, and Arterial Stiffness in Spontaneously Hypertensive Rats, 1416
Supplemention With Tetrahydrobiopterin Suppresses the Development of Hypertension in Spontaneously Hypertensive Rats, 1044

Rats, inbred SHRSP
Characterization of the Microglial Response to Cerebral Ischemia in the Stroke-Prone Spontaneously Hypertensive Rat, 116

Rats, inbred strains
Aminoguanidine and Aortic Wall Mechanics, Structure, and Composition in Aged Rats, 943
Chronic Thromboxane Synthase Inhibition Prevents Fructose-Induced Hypertension, 872
Effect of Dietary Sodium Intake on the Responses to Bicuculline in the Paraventricular Nucleus of Rats, 192

Rats, inbred WKY
Involvement of Brain Mineralocorticoid Receptor in Salt-Enhanced Hypertension in Spontaneously Hypertensive Rats, 902

Rats, spontaneously hypertensive
Apoptosis and Glomerular Injury After Prolonged Nitric Oxide Synthase Inhibition in Spontaneously Hypertensive Rats, 1300
Decreased Nitric Oxide Availability in Normotensive and Hypertensive Rats With Failing Hearts After Myocardial Infarction, 1367
Lesions of the Commissural Nucleus of the Solitary Tract Reduce Arterial Pressure in Spontaneously Hypertensive Rats, 560
Local Hemodynamic Changes in Hypertension: Insights for Therapeutic Preservation of Target Organs, 1388
Sodium Intake, Large Artery Stiffness, and Proteoglycans in the Spontaneously Hypertensive Rat, 1172

Rats, Wistar
Acute Gender-Specific Hemodynamic and Inotropic Effects of 17β-Estradiol on Rats, 1003

Rats, WKY
Decreased Nitric Oxide Availability in Normotensive and Hypertensive Rats With Failing Hearts After Myocardial Infarction, 1367

Rats, Zucker
Selective Angiotensin II Receptor Antagonism Reduces Insulin Resistance in Obese Zucker Rats, 884
Reactive oxygen species
Effects of the Reactive Oxygen Species Hydrogen Peroxide and Hypochlorite on Endothelial Nitric Oxide Production, 877
Receptors
Negative Inotropic and Chronotropic Effects of Oxytocin, 292
Thyrotropin-Releasing Hormone Receptor (TRHR) Gene Is Associated With Essential Hypertension, 683
Receptors, adrenergic, alpha
Enhanced Interaction Between Renovascular α_2-Adrenoceptors and Angiotensin II Receptors in Genetic Hypertension, 353
Receptors, adrenergic, beta
Cardiac βARK1 Upregulation Induced by Chronic Salt Deprivation in Rats, 255
Receptors, angiotensin
Angiotensin II Type AT_2 Receptor mRNA Expression and Renal Vasodilatation Are Increased in Renal Failure, 669
Blockade of Angiotensin Receptor Subtypes in Arcuate Uterine Artery of Pregnant and Postpartum Rats, 1017
Differential Subcellular Actions of ACE Inhibitors and AT_1 Receptor Antagonists on Cardiac Remodeling Induced by Chronic Inhibition of NO Synthesis in Rats, 404
Interactions Between Angiotensin-(1-7), Kinins, and Angiotensin II in Kidney and Blood Vessels, 660
Molecular Basis of Salt Sensitivity in Human Hypertension: Evaluation of Renin-Angiotensin-Aldosterone System Gene Polymorphisms, 1204
Rho-Kinase Mediates Angiotensin II-Induced Monocyte Chemoattractant Protein-1 Expression in Rat Vascular Smooth Muscle Cells, 100
Selective Angiotensin II Receptor Antagonism Reduces Insulin Resistance in Obese Zucker Rats, 884
Src Is an Important Mediator of Extracellular Signal-Regulated Kinase 1/2-Dependent Growth Signaling by Angiotensin II in Smooth Muscle Cells From Resistance Arteries of Hypertensive Patients, 56
Receptors, angiotensin II
Angiotensin AT_1 Receptor Stimulates Heat Shock Protein 27 Phosphorylation In Vitro and In Vivo, 1260
Angiotensin-Converting Enzyme Inhibition Potentiates Angiotensin II Type 1 Receptor Effects on Renal Bradykinin and cGMP, 183
Angiotensin II Type 2 Receptors and Cardiac Hypertrophy in Women With Hypertrophic Cardiomyopathy, 1278
Angiotensin Type 2 Receptor-Mediated Hypotension in Angiotensin Type-1 Receptor-Blocked Rats, 1272
Candesartan Inhibits Carotid Intimal Thickening and Ameliorates Insulin Resistance in Balloon-Injured Diabetic Rats, 1255
Chronic AT_1 Receptor Blockade Alters Autonomic Balance and Sympathetic Responses in Hypertension, 569
Inhibition of Baroreflex by Angiotensin II via Fos Expression in Nucleus Tractus Solitarii of the Rat, 130
Radial Artery Flow-Mediated Dilatation in Heart Failure Patients: Effects of Pharmacological and Nonpharmacological Treatment, 1451
Receptors, bradykinin
Bradykinin Potentiation by Angiotensin-(1-7) and ACE Inhibitors Correlates With ACE C- and N-Domain Blockade, 95
Potentiation of Kinin Analogues by Ramiprilat Is Exclusively Related to Their Degradation, 142
Receptors, dopamine
Adrenergic and Endothelin B Receptor-Dependent Hypertension in Dopamine Receptor Type-2 Knockout Mice, 303
Renal Dopamine System: Paracrine Regulator of Sodium Homeostasis and Blood Pressure, 297
Receptors, endothelin
Adrenergic and Endothelin B Receptor-Dependent Hypertension in Dopamine Receptor Type-2 Knockout Mice, 303
Endothelin-1 Gene Variant Associates With Blood Pressure in Obese Japanese Subjects: The Ohasama Study, 1321
Localization of the Endothelin System in Aldosterone-Producing Adenomas, 1137
Ovarian Hormones Modulate Endothelin-1 Vascular Reactivity and mRNA Expression in DOCA-Salt Hypertensive Rats, 692
Receptors, estrogen
Acute Gender-Specific Hemodynamic and Inotropic Effects of 17β-Estradiol on Rats, 1003
Receptors, kinin, B_1
Induction of B_1-Kinin Receptors in Vascular Smooth Muscle Cells: Cellular Mechanisms of MAP Kinase Activation, 602
Reflex
Cardiovascular Neural Reflexes in L-NAME-Induced Hypertension in Mice, 555
Regional blood flow
Localization of the Endothelin System in Aldosterone-Producing Adenomas, 1137
Relaxation
Inverse Association Between Free Insulin-Like Growth Factor-1 and Isovolumic Relaxation in Arterial Systemic Hypertension, 840
Physiological and Pathophysiological Functions of the AT_2 Subtype Receptor of Angiotensin II: From Large Arteries to the Microcirculation, 1150
Remodeling
Antioxidant Effects of Vitamins C and E Are Associated With Altered Activation of Vascular NADPH Oxidase and Superoxide Dismutase in Stroke-Prone SHR, 606
Biochemical Assessment of Myocardial Fibrosis in Hypertensive Heart Disease, 1222
Differential Subcellular Actions of ACE Inhibitors and AT_1 Receptor Antagonists on Cardiac Remodeling Induced by Chronic Inhibition of NO Synthesis in Rats, 404
Increased Expression of Peroxisome Proliferator-Activated Receptor-α and -γ in Blood Vessels of Spontaneously Hypertensive Rats, 249
Mechanical Strength of the Isolated Carotid Artery in SHR, 1167
Renal blood flow
Antioxidants Block Angiotensin II-Induced Increases in Blood Pressure and Endothelin, 655
Functional Assessment of the Circulation of the Single Kidney, 625
Hypertension After Neonatal Uninephrectomy in Rats Precedes Glomerular Damage, 337
Renal circulation
Functional Assessment of the Circulation of the Single Kidney, 625
Intrarenal Transport and Vasoactive Substances in Hypertension, 621
Renal damage
Role of the Renin-Angiotensin System in Vascular Diseases: Expanding the Field, 1382
Renal disease
Arterial Calcifications, Arterial Stiffness, and Cardiovascular Risk in End-Stage Renal Disease, 938
Blood Pressure Control and Benefits of Antihypertensive Therapy: Does It Make a Difference Which Agents We Use? 537
Hypertensive Nephrosclerosis as a Relevant Cause of Chronic Renal Failure, 171
Renal failure
Local Hemodynamic Changes in Hypertension: Insights for Therapeutic Preservation of Target Organs, 1388
Renal hemodynamics
Apoptosis and Glomerular Injury After Prolonged Nitric Oxide Synthase Inhibition in Spontaneously Hypertensive Rats, 1300
Renal insufficiency
ACE Inhibitors and Appearance of Renal Events in Hypertensive Nephrosclerosis, 645
Renal ischemia
Local Hemodynamic Changes in Hypertension: Insights for Therapeutic Preservation of Target Organs, 1388
Renal microcirculation
Effect of T-Type Selective Calcium Antagonist on Renal Microcirculation: Studies in the Isolated Perfused Hydronephrotic Kidney, 343
Renal sympathetic nerve activity
Central Human Cocaine- and Amphetamine-Regulated Transcript Peptide 55-102 Increases Arterial Pressure in Conscious Rabbits, 1096
Renin
Angiotensin II Type 2 Receptors and Cardiac Hypertrophy in Women With Hypertrophic Cardiomyopathy, 1278

Endogenous Natriuretic Peptides Participate in Renal and Humoral Actions of Acute Vasopeptidase Inhibition in Experimental Mild Heart Failure, 187
History About the Discovery of the Renin-Angiotensin System, 1246
Renin Uptake by the Endothelium Mediates Vascular Angiotensin Formation, 243
Splenorenal Reflex Regulation of Arterial Pressure, 348

Renin activator
History About the Discovery of the Renin-Angiotensin System, 1246

Renin-angiotensin system
ACE Inhibitors and Appearance of Renal Events in Hypertensive Nephrosclerosis, 645
Angiotensin-(1-7): Cardioprotective Effect in Myocardial Ischemia/Reperfusion, 665
Biochemical Assessment of Myocardial Fibrosis in Hypertensive Heart Disease, 1222
Downregulation of Angiotensin II Type 1 Receptors During Sepsis, 177
Effect of Angiotensin II Synthesis Blockade on the Hypertensive Response to Chronic Reductions in Uterine Perfusion Pressure in Pregnant Rats, 742
Effect of Dietary Sodium Intake on the Responses to Bicuculline in the Paraventricular Nucleus of Rats, 192
Elevated Uric Acid Increases Blood Pressure in the Rat by a Novel Crystal-Independent Mechanism, 1101
Gene Therapy for Hypertension: The Preclinical Data, 543
Hyperkalemia, Renal Failure, and Converting-Enzyme Inhibition: An Overrated Connection, 639
Importance of the Renin System for Determining Blood Pressure Fall With Acute Salt Restriction in Hypertensive and Normotensive Whites, 321
Interactions Between Angiotensin-(1-7), Kinins, and Angiotensin II in Kidney and Blood Vessels, 660
NF-Y Antagonizes Renin Enhancer Function by Blocking Stimulatory Transcription Factors, 332
Progress in Hypertension Research: 1900-2000, e13
Treatment of Congestive Heart Failure: Interfering the Aldosterone-Cardiac Extracellular Matrix Relationship, 1227

Renin substrate
History About the Discovery of the Renin-Angiotensin System, 1246

Repressor
NF-Y Antagonizes Renin Enhancer Function by Blocking Stimulatory Transcription Factors, 332

Resistance
Antioxidant Effects of Vitamins C and E Are Associated With Altered Activation of Vascular NADPH Oxidase and Superoxide Dismutase in Stroke-Prone SHR, 606

Retrovirus
Human Heme Oxygenase-1 Gene Transfer Lowers Blood Pressure and Promotes Growth in Spontaneously Hypertensive Rats, 210

Risk factors
Blood Pressure and Inflammation in Apparently Healthy Men, 399
Fibrinogen and Preclinical Echocardiographic Target Organ Damage: The Strong Heart Study, 1068
Genes Encoding Fibrinogen and Cardiovascular Risk, 1199
Trajectory of Psychological Risk and Incident Hypertension in Middle-Aged Women, 798

RNA
Role of Calcitonin Gene-Related Peptide and Substance P in Dahl-Salt Hypertension, 679

RNA, messenger
Nitric Oxide Attenuates the Expression of Transforming Growth Factor-β_1 mRNA in Rat Cardiac Fibroblasts via Destabilization, 261

Rostral ventrolateral medulla
Long-Lasting Cardiovascular Effects of Liposome-Entrapped Angiotensin-(1-7) at the Rostral Ventrolateral Medulla, 1266

S

Salt
Effects of Valsartan on Mechanical Properties of the Carotid Artery in Spontaneously Hypertensive Rats Under High-Salt Diet, 439

Salt sensitivity
Omapatrilat Versus Lisinopril: Efficacy and Neurohormonal Profile in Salt-Sensitive Hypertensive Patients, 1342
Plasma Ouabain-Like Factor During Acute and Chronic Changes in Sodium Balance in Essential Hypertension, 198

Serotonin
Enhanced Contraction to 5-Hydroxytryptamine Is Not Due to "Unmasking" of 5-Hydroxytryptamine$_{1B}$ Receptors in the Mesenteric Artery of the Deoxycorticosterone Acetate-Salt Rat, 891

Shear stress
Structural Adaptation of Vascular Networks: Role of the Pressure Response, 1476

Shock
Downregulation of Angiotensin II Type 1 Receptors During Sepsis, 177

SHP-1
Angiotensin II Type 2 Receptor Inhibits Epidermal Growth Factor Receptor Transactivation by Increasing Association of SHP-1 Tyrosine Phosphatase, 367

Siblings
Heritability Estimates of Obesity Measures in Siblings With and Without Hypertension, 41

Signal transduction
Cardiac βARK1 Upregulation Induced by Chronic Salt Deprivation in Rats, 255
Src Is an Important Mediator of Extracellular Signal-Regulated Kinase 1/2-Dependent Growth Signaling by Angiotensin II in Smooth Muscle Cells From Resistance Arteries of Hypertensive Patients, 56

Smoking
Genetic and Environmental Determinants of Plasma Nitrogen Oxides and Risk of Ischemic Heart Disease, 1054

Social support
Pet Ownership, but Not ACE Inhibitor Therapy, Blunts Home Blood Pressure Responses to Mental Stress, 815

Sodium
Chronic Exposure to Vasopressin Upregulates ENaC and Sodium Transport in the Rat Renal Collecting Duct and Lung, 1143
Hypertension After Neonatal Uninephrectomy in Rats Precedes Glomerular Damage, 337
Importance of the Renin System for Determining Blood Pressure Fall With Acute Salt Restriction in Hypertensive and Normotensive Whites, 321
Involvement of Brain Mineralocorticoid Receptor in Salt-Enhanced Hypertension in Spontaneously Hypertensive Rats, 902
Molecular Basis of Salt Sensitivity in Human Hypertension: Evaluation of Renin-Angiotensin-Aldosterone System Gene Polymorphisms, 1204
Progress in Hypertension Research: 1900-2000, e13
Renal Interstitial cGMP Mediates Natriuresis by Direct Tubule Mechanism, 309
Sodium Sensitivity of Blood Pressure Appearing Before Hypertension and Related to Histological Damage in Immunoglobulin A Nephropathy, 81
Two Linked Blood Pressure Quantitative Trait Loci on Chromosome 10 Defined by Dahl Rat Congenic Strains, 779

Sodium channels
Blood Pressure Responses to Small Doses of Amiloride and Spironolactone in Normotensive Subjects, 1124
Transepithelial Sodium Absorption Is Increased in People of African Origin, 76

Sodium excretion
Renal Dopamine System: Paracrine Regulator of Sodium Homeostasis and Blood Pressure, 297

Sodium intake
Contribution of Nitric Oxide to Arterial Pressure and Heart Rate Variability in Rats Submitted to High-Sodium Intake, 326

Sodium pump inhibitor
Plasma Ouabain-Like Factor During Acute and Chronic Changes in Sodium Balance in Essential Hypertension, 198

Sodium, dietary
Effect of Dietary Sodium Intake on the Responses to Bicuculline in the Paraventricular Nucleus of Rats, 192
Effect of Salt Intake on Renal Excretion of Water in Humans, 317

In Vivo 11β-HSD-2 Activity: Variability, Salt-Sensitivity, and Effect of Licorice, 1330
Solitary nucleus
Lesions of the Commissural Nucleus of the Solitary Tract Reduce Arterial Pressure in Spontaneously Hypertensive Rats, 560
Spironolactone
Blood Pressure Responses to Small Doses of Amiloride and Spironolactone in Normotensive Subjects, 1124
Spleen
Splenorenal Reflex Regulation of Arterial Pressure, 348
Startle modulation
Enhanced Affective Startle Modulation in Salt-Sensitive Subjects, 1325
Stress
Cardiovascular Effects of an Earthquake: Direct Evidence by Ambulatory Blood Pressure Monitoring, 1093
Enhanced Affective Startle Modulation in Salt-Sensitive Subjects, 1325
Low-Dose Estrogen Supplementation Improves Vascular Function in Hypogonadal Men, 1011
Oxidative Stress in Arterial Hypertension: Role of NAD(P)H Oxidase, 1395
Perceived Job Stress but not Individual Cardiovascular Reactivity to Stress Is Related to Higher Blood Pressure at Work, 71
Pet Ownership, but Not ACE Inhibitor Therapy, Blunts Home Blood Pressure Responses to Mental Stress, 815
Receptor-Based Differences in Human Aortic Smooth Muscle Cell Membrane Stiffness, 1158
Stress mechanical
Cyclic Strain Increases Protease-Activated Receptor-1 Expression in Vascular Smooth Muscle Cells, 1038
Flow Pulsatility Is a Critical Determinant of Oxidative Stress in Endothelial Cells, 1162
Stress, mental
Trajectory of Psychological Risk and Incident Hypertension in Middle-Aged Women, 798
Stroke
Characterization of the Microglial Response to Cerebral Ischemia in the Stroke-Prone Spontaneously Hypertensive Rat, 116
Stroke Prognosis and Abnormal Nocturnal Blood Pressure Falls in Older Hypertensives, 852
Superoxide
Role of Angiotensin II and Free Radicals in Blood Pressure Regulation in a Rat Model of Renal Hypertension, 361
Supplemention With Tetrahydrobiopterin Suppresses the Development of Hypertension in Spontaneously Hypertensive Rats, 1044
Sympathectomy
Role of the Medulla Oblongata in Hypertension, 549
Sympathetic nervous system
Antihypertensive Action of Amiodarone in Spontaneously Hypertensive Rats, 597
Centrally Mediated Effects of Bromocriptine on Cardiac Sympathovagal Balance, 123
Effect of Dietary Sodium Intake on the Responses to Bicuculline in the Paraventricular Nucleus of Rats, 192
Overexpression of eNOS in the RVLM Causes Hypotension and Bradycardia Via GABA Release, 896
Overweight and Sympathetic Overactivity in Black Americans, 379
Participation of the Hypothalamus-Hypophysis Axis in the Sympathetic Activation of Human Obesity, 1316
Role of Corticotrophin-Releasing Factor in Effects of Leptin on Sympathetic Nerve Activity and Arterial Pressure, 384
Role of the Medulla Oblongata in Hypertension, 549
Systole
Relationship Between Left Ventricular Diastolic Relaxation and Systolic Function in Hypertension: The Hypertension Genetic Epidemiology Network (HyperGEN) Study, 424

T

T-type calcium channel
Effect of T-Type Selective Calcium Antagonist on Renal Microcirculation: Studies in the Isolated Perfused Hydronephrotic Kidney, 343
Target organ damage
Predictors of Target Organ Damage in Hypertensive Blacks and Whites, 761
Tempol
Role of Angiotensin II and Free Radicals in Blood Pressure Regulation in a Rat Model of Renal Hypertension, 361
Thrombin
Cyclic Strain Increases Protease-Activated Receptor-1 Expression in Vascular Smooth Muscle Cells, 1038
Thromboxane
Chronic Thromboxane Synthase Inhibition Prevents Fructose-Induced Hypertension, 872
Thyroliberin
Thyrotropin-Releasing Hormone Receptor (TRHR) Gene Is Associated With Essential Hypertension, 683
Transcription
3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase Inhibitors Upregulate Inducible NO Synthase Expression and Activity in Vascular Smooth Muscle Cells, 1024
NF-Y Antagonizes Renin Enhancer Function by Blocking Stimulatory Transcription Factors, 332
Transferrin
Receptor-Based Differences in Human Aortic Smooth Muscle Cell Membrane Stiffness, 1158
Transforming growth factors
Angiotensin II and Renal Fibrosis, 635
Angiotensin II via Activation of Type 1 Receptor Upregulates Expression of Endoglin in Human Coronary Artery Endothelial Cells, 1062
Nitric Oxide Attenuates the Expression of Transforming Growth Factor-β_3 mRNA in Rat Cardiac Fibroblasts via Destabilization, 261
Transplantation
Regeneration of the Myocardium: A New Role in the Treatment of Ischemic Heart Disease? 1413
Transport, glucose
Selective Angiotensin II Receptor Antagonism Reduces Insulin Resistance in Obese Zucker Rats, 884
Tumor necrosis factor
Can Perinatal Supplementation of Long-Chain Polyunsaturated Fatty Acids Prevent Hypertension in Adult Life? e6
Tyrosine kinase
Arterial Epidermal Growth Factor Receptor Expression in Deoxycorticosterone Acetate-Salt Hypertension, 1337
Tyrosinephosphatase
Angiotensin II Type 2 Receptor Inhibits Epidermal Growth Factor Receptor Transactivation by Increasing Association of SHP-1 Tyrosine Phosphatase, 367

U

Ultrasonography
Functional Correlates of Central Arterial Geometric Phenotypes, 1471
Ultrasonography for the Evaluation of Visceral Fat and Cardiovascular Risk, 713
Uric acid
Elevated Uric Acid Increases Blood Pressure in the Rat by a Novel Crystal-Independent Mechanism, 1101
Urinary volume
Effect of Salt Intake on Renal Excretion of Water in Humans, 317
Urine
In Vivo 11β-HSD-2 Activity: Variability, Salt-Sensitivity, and Effect of Licorice, 1330

V

Vanadate
Insulin-Mimetic Action of Vanadate: Role of Intracellular Magnesium, 701
Vascular
Physiological and Pathophysiological Functions of the AT_2 Subtype Receptor of Angiotensin II: From Large Arteries to the Microcirculation, 1150

Vascular damage
Role of the Renin-Angiotensin System in Vascular Diseases: Expanding the Field, 1382
Vascular diseases
Low-Dose Estrogen Supplementation Improves Vascular Function in Hypogonadal Men, 1011
Vascular reactivity
Modulation by 20-HETE of Phenylephrine-Induced Mesenteric Artery Contraction in Spontaneously Hypertensive and Wistar-Kyoto Rats, 1311
Vascular resistance
Endothelin Mediates Some of the Renal Actions of Acutely Administered Angiotensin II, 105
Impaired Skin Capillary Recruitment in Essential Hypertension Is Caused by Both Functional and Structural Capillary Rarefaction, 238
Possible Involvement of Rho-Kinase in the Pathogenesis of Hypertension in Humans, 1307
Vascular stiffness
Aortic Stiffness Is Associated With Visceral Adiposity in Older Adults Enrolled in the Study of Health, Aging, and Body Composition, 429
Pulsatile Hemodynamics in Congestive Heart Failure, 1433
Vasoconstriction
Effect of Neutral Endopeptidase Inhibition on the Actions of Adrenomedullin and Endothelin-1 in Resistance Arteries From Patients With Chronic Heart Failure, 412
Enhanced Contraction to 5-Hydroxytryptamine Is Not Due to "Unmasking" of 5-Hydroxytryptamine$_{1B}$ Receptors in the Mesenteric Artery of the Deoxycorticosterone Acetate-Salt Rat, 891
Modulation by 20-HETE of Phenylephrine-Induced Mesenteric Artery Contraction in Spontaneously Hypertensive and Wistar-Kyoto Rats, 1311
Ovarian Hormones Modulate Endothelin-1 Vascular Reactivity and mRNA Expression in DOCA-Salt Hypertensive Rats, 692
Vasodilation
Brachial Artery Elastic Mechanics in Patients With Heart Failure, 1440
Effect of Neutral Endopeptidase Inhibition on the Actions of Adrenomedullin and Endothelin-1 in Resistance Arteries From Patients With Chronic Heart Failure, 412
Vasodilator agents
Omapatrilat in Subtotal Nephrectomy-Salt Hypertension: Role of Calcitonin Gene-Related Peptide, 697
Vasopeptidase inhibitor
Omapatrilat Versus Lisinopril: Efficacy and Neurohormonal Profile in Salt-Sensitive Hypertensive Patients, 1342
Vasopressin
Enhanced Interaction Between Renovascular α_2-Adrenoceptors and Angiotensin II Receptors in Genetic Hypertension, 353
Ventricular dysfunction
Left Ventricular Systolic Dysfunction in a Biracial Sample of Hypertensive Adults: The HyperGEN Study, 417
Ventricular fibrosis
Local Hemodynamic Changes in Hypertension: Insights for Therapeutic Preservation of Target Organs, 1388
Ventricular function
Isolated Systolic Hypertension in Elderly WKY Is Reversed With L-Arginine and ACE Inhibition, 1422
Ventricular function, left
Relationship Between Left Ventricular Diastolic Relaxation and Systolic Function in Hypertension: The Hypertension Genetic Epidemiology Network (HyperGEN) Study, 424
Ventricular ischemia
Local Hemodynamic Changes in Hypertension: Insights for Therapeutic Preservation of Target Organs, 1388
Vessels
Angiotensinogen Polymorphism M235T, Carotid Atherosclerosis, and Small-Vessel Disease-Related Cerebral Abnormalities, 110
Renin Uptake by the Endothelium Mediates Vascular Angiotensin Formation, 243

W

Water-electrolyte balance
Intrarenal Transport and Vasoactive Substances in Hypertension, 621
Water transport
Chronic Exposure to Vasopressin Upregulates ENaC and Sodium Transport in the Rat Renal Collecting Duct and Lung, 1143
Wave reflections
Pressure-Altering Agents Affect Central Aortic Pressures More Than Is Apparent From Upper Limb Measurements in Hypertensive Patients: The Role of Arterial Wave Reflections, 1456
Whites
Transepithelial Sodium Absorption Is Increased in People of African Origin, 76
Women
Trajectory of Psychological Risk and Incident Hypertension in Middle-Aged Women, 798

Y

Young adults
High-Meat, Low-Carbohydrate Diet in Pregnancy: Relation to Adult Blood Pressure in the Offspring, 1282